Folio
QH
.A475f
1898
v.8
pt 3-4

# ANNALS

OF THE

# ROYAL BOTANIC GARDEN, CALCUTTA.

## Vol. VIII.

THE

# ORCHIDS OF THE SIKKIM-HIMALAYA.

By

G. KING AND R. PANTLING.

Mo. Bot. Garden,
1898.

CALCUTTA:

Printed at the Bengal Secretariat Press.

LONDON:

Sold by B. Quaritch, 15, Piccadilly; Keegan Paul, Trench, Trübner & Co., Ld.;
A. Constable & Co., 14, Parliament Street; Luzac & Co., 46, Great Russell Street;
E. A. Arnold, 37, Bedford Street, Strand.

1898.

THE

# ORCHIDS OF THE SIKKIM-HIMALAYA.

By

GEORGE KING, K.C.I.E., M.B., LL.D., F.R.S.,

Superintendent of the Royal Botanic Garden, Calcutta,

and

ROBERT PANTLING,

Deputy Superintendent of the Government Cinchona Plantation, Sikkim.

## PART III.

*PLATES OF EPIDENDREAE AND VANDEAE.*

CALCUTTA:

Printed at the Bengal Secretariat Press.

LONDON:

Sold by B. Quaritch, 15, Piccadilly; Keegan Paul, Trench, Trübner & Co., Ld.;
A. Constable & Co., 14, Parliament Street; Luzac & Co., 46, Great Russell Street;
E. A. Arnold, 37, Bedford Street, Strand.

1898.

# ANNALS

OF THE

# ROYAL BOTANIC GARDEN CALCUTTA.

## Vol. VIII.

THE

# ORCHIDS OF THE SIKKIM-HIMALAYA.

By

G. KING AND R. PANTLING.

CALCUTTA:

Printed at the Bengal Secretariat Press.

LONDON:

Sold by B. Quaritch, 15, Piccadilly; Keegan Paul, Trench, Trübner & Co., Ld.;
A. Constable & Co., 14, Parliament Street; Luzac & Co., 46, Great Russell Street;
E. A. Arnold, 37, Bedford Street, Strand.

1898.

THE

# ORCHIDS OF THE SIKKIM-HIMALAYA.

By

Sir GEORGE KING, K.C.I.E., M.B., LL.D., F.R.S.,

Superintendent of the Royal Botanic Garden, Calcutta,

and

ROBERT PANTLING,

Deputy Superintendent of the Government Cinchona Plantation, Sikkim.

## PART IV.

*PLATES OF LISTEREAE, GOODYEREAE, OPHRYDEAE AND CYPRIPEDIEAE.*

CALCUTTA:

Printed at the Bengal Secretariat Press.

LONDON:

Sold by B. Quaritch, 15, Piccadilly; Keegan Paul, Trench, Trübner & Co., Ld.;
A. Constable & Co., 14, Parliament Street; Luzac & Co., 46, Great Russell Street;
E. A. Arnold, 37, Bedford Street, Strand.

1898.

# INDEX TO THE PLATES IN PART III.


ACANTHEPHIPPIUM striatum, *Lindl.* . . . . 155
——— sylhetense, *Lindl.* . . . . 154
ACROCHAENE punctata, *Lindl.* . . . . . 209
ÆRIDES longicornu, *Hook. fil.* . . . . . 281
——— multiflorum, *Roxb.* . . . . . 283
——— odoratum, *Lour.* . . . . . 282
AGROSTOPHYLLUM brevipes, *K. & P.* . . . . 213
——— callosum, *Reichb. fil.* . . . 212
——— khasianum, *Griff.* . . . . 210
——— myrianthum, *K. & P.* . . . 211
ANTHOGONIUM gracile, *Lindl.* . . . . . 134
APPENDICULATA bifaria, *Lindl.* . . . . . 330
ARACHNANTHE bilinguis, *Benth.* . . . . . 280
——— Cathcartii, *Benth.* . . . . 278
——— Clarkei, *Rolfe.* . . . . . 279
ARUNDINA bambusifolia, *Lindl.* . . . . . 156

BIERMANNIA bimaculata, *K. & P.* . . . . 267
BULBOPHYLLUM Griffithii, *Reichb. fil.* . . . 147

CALANTHE alismæfolia, *Lindl.* . . . . . 230
——— alpina, *Hook. fil.* . . . . . 229
——— angusta, *Lindl.* . . . . . 232
——— biloba, *Lindl.* . . . . . 228
——— brevicornu, *Lindl.* . . . . . 227
——— chloroleuca, *Lindl.* . . . . . 231
——— densiflora, *Lindl.* . . . . . 236
——— gracilis, *Lindl.* . . . . . 222
——— herbacea, *Lindl.* . . . . . 233
——— Mannii, *Hook. fil.* . . . . . 225
——— Masuca, *Lindl.* . . . . . 234
——— puberula, *Lindl.* . . . . . 224
——— tricarinata, *Lindl.* . . . . . 223
——— trulliformis, *K. & P.* . . . . 226
——— Whiteana, *K. & P.* . . . . . 235
CAMAROTIS Mannii, *K. & P.* . . . . . 317
——— obtusa, *Lindl.* . . . . . 316
CERATOSTYLIS teres, *Reichb. fil.* . . . . . 329
CHRYSOGLOSSUM erraticum, *Hook. fil.* . . . 135
CLEISOSTOMA armigerum, *K. & P.* . . . . 308
——— bambusarum, *K. & P.* . . . 310
——— brevipes, *Hook. fil.* . . . . 307
——— gemmatum, *K. & P.* . . . . 313
——— micranthum, *K. & P.* . . . 312
——— spicatum, *Lindl.* . . . . . 311
——— Wendlandorum, *Reichb. fil.* . . . 309
CŒLOGYNE corymbosa, *Lindl.* . . . . . 185
——— cristata, *Lindl.* . . . . . 184
——— elata, *Lindl.* . . . . . 188
——— flaccida, *Lindl.* . . . . . 183
——— flavida, *Wall.* . . . . . 191
——— fuscescens, *Lindl.* . . . . . 181
——— Hookeriana, *Lindl.* . . . . . 193
CŒLOGYNE humilis, *Lindl.* . . . . . 194
——— longipes, *Lindl.* . . . . . 189
——— maculata, *Lindl.* . . . . . 195
——— occultata, *Hook. fil.* . . . . . 186
——— ochracea, *Lindl.* . . . . . 182
——— ovalis, *Lindl.* . . . . . 187
——— praecox, *Lindl.* . . . . . 196
——— prolifera, *Lindl.* . . . . . 190
——— uniflora, *Lindl.* . . . . . 192
CREMASTRA Wallichiana, *Lindl.* . . . . . 246
CRYPTOCHILUS lutea, *Lindl.* . . . . . 221
——— sanguinea, *Wall.* . . . . . 220
CYMBIDIUM aloifolium, *Swartz.* . . . . . 252
——— cochleare, *Lindl.* . . . . . 260
——— cyperifolium, *Wall.* . . . . . 248
——— Devonianum, *Paxt.* . . . . . 253
——— eburneum, *Lindl.* . . . . . 262
——— elegans, *Lindl.* . . . . . 259
——— Gammieanum, *K. & P.* . . . . 257
——— giganteum, *Wall.* . . . . . 255
——— grandiflorum, *Griff.* . . . . . 256
——— lancifolium, *Hook.* . . . . . 247
——— longifolium, *Don.* . . . . . 254
——— Mastersii, *Griff.* . . . . . 261
——— Munronianum, *K. & P.* . . . . 249
——— pendulum, *Swartz* . . . . . 251
——— Simonsianum, *K. & P.* . . . . 250
——— Whiteæ, *K. & P.* . . . . . 258

DENDROCOLLA Arachnites, *Blume.* . . . . 322
DIGLYPHOSA macrophylla, *K. & P.* . . . . 136
DIPLOPRORA Championii, *Hook. fil.* . . . . 274
DORITIS taenialis, *Benth.* . . . . . 266
——— Wightii, *Benth.* . . . . . 265

ERIA acervata, *Lindl.* . . . . . 170
— bambusifolia, *Lindl.* . . . . . 163
— biflora, *Griff.* . . . . . 160
— bractescens, *Lindl.* . . . . . 166
— carinata, *Gibs.* . . . . . 179
— clausa, *K. & P.* . . . . . 167
— confusa, *Hook. fil.* . . . . . 169
— convallarioides, *Lindl.* . . . . . 161
— coronaria, *Reichb. fil.* . . . . . 172
— dasyphylla, *Par. & Reichb. fil.* . . . . 177
— excavata, *Lindl.* . . . . . 171
— flava, *Lindl.* . . . . . 175
— fragrans, *Reichb. fil.* . . . . . 168
— graminifolia, *Lindl.* . . . . . 164
— muscicola, *Lindl.* . . . . . 159
— paniculata, *Lindl.* . . . . . 174
— pannea, *Lindl.* . . . . . 176
— pumila, *Lindl.* . . . . . 162

ERIA rufinula, *Reichb. fil.* . . . . . 178
—— stricta, *Lindl.* . . . . . 173
—— vittata, *Lindl.* . . . . . 165
EULOPHIA bicarinata, *Hook. fil.* . . . . . 244
———— „ var. major, *K. & P.* . . . 244*bis*
———— campestris, *Wall.* . . . . . 241
———— geniculata, *K. & P.* . . . . . 240
———— graminea, *Lindl.* . . . . . 238
———— Mannii, *Hook. fil.* . . . . . 239
———— nuda, *Lindl.* . . . . . 243
———— sanguinea, *Hook. fil.* . . . . 242

GEODORUM purpureum, *R. Brown* . . . . 245

IONE Andersoni, *K. & P.* . . . . . 217
—— bicolor, *Lindl.* . . . . . 216
—— intermedia, *K. & P.* . . . . . 218
—— paleacea, *Lindl.* . . . . . 215
—— scariosa, *K. & P.* . . . . . 219

LUISIA inconspicua, *Hook. fil.* . . . . . 272
—— indivisa, *K. & P.* . . . . . 269
—— teretifolia, *Gaud.* . . . . . 271
—— trichorhiza, *Blume* . . . . . 270
—— volucris, *Lindl.* . . . . . 273

MONOMERIA barbata, *Lindl.* . . . . . 208

ORNITHARIUM striatulum, *Lindl.* . . . . 323
ORNITHOCHILUS fuscus, *Wall.* . . . . . 268
OREORCHIS foliosa, *Lindl.* . . . . . 137
———— micrantha, *Lindl.* . . . . . 138
OTOCHILUS alba, *Lindl.* . . . . . 200
———— fusca, *Lindl.* . . . . . 199
———— porrecta, *Lindl.* . . . . . 198

NEPHALAPHYLLUM cordifolium, *Blume* . . . 146
———————— grandiflorum, *Hook. fil.* . . 144
———————— pulchrum, *Blume*, var. Sikkimensis 145

PACHYSTOMA senile, *Reichb. fil.* . . . . . 140
PANISEA parviflora, *Lindl.* . . . . . 197
PHAJUS albus, *Lindl.* . . . . . 153
—— Blumei, *Lindl.*, var. pulchra, *K. & P.* . . 151
—— maculatus, *Lindl.* . . . . . 149
—— mishmensis, *Reichb. fil.* . . . . . 152
—— nanus, *Hook. fil.* . . . . . 148
—— Wallichii, *Lindl.* . . . . . 150
PHALAENOPSIS Mannii, *Reichb. fil.* . . . . 264
———— Parishii, *Reichb. fil.* . . . . . 263
PHOLIDOTA articulata, *Lindl.* . . . . . 205
———— „ var. *Griffithii* . . . . 204
———— imbricata, *Lindl.* . . . . . 201
———— protracta, *Hook. fil.* . . . . . 203
———— recurva, *Lindl.* . . . . . 206
———— rubra, *Lindl.* . . . . . 202

PHREATIA elegans, *Lindl.* . . . . . 333
PODOCHILUS cultratus, *Lindl.* . . . . . 326
———— Khasianus, *Hook. fil.* . . . . 327
PORPAX fibuliformis, *K. & P.* . . . . . 157
—— Meirax, *K. & P.* . . . . . 158

RHYNCHOSTYLIS retusa, *Blume* . . . . . 284
RISLEYA atropurpurea, *K. & P.* . . . . . 328
RITAIA himalaica, *K. & P.* . . . . . 214

SACCOLABIUM acuminatum, *Lindl.* . . . . 296
———————— acutifolium, *Lindl.* . . . . 302
———————— affine, *K. & P.* . . . . . 304
———————— ampullaceum, *Lindl.* . . . . 293
———————— buccosum, *Reichb. fil.* . . . . 298
———————— calceolare, *Lindl.* . . . . . 300
———————— dasypogon, *Lindl.* . . . . . 299
———————— distichum, *Lindl.* . . . . . 303
———————— intermedium, *Griff.* . . . . 301
———————— lancifolium, *K. & P.* . . . . 297
———————— longifolium, *Hook. fil.* . . . . 292
———————— ochraceum, *Lindl.* . . . . . 291
———————— obtusifolium, *Hook. fil.* . . . . 295
———————— papillosum, *Lindl.* . . . . . 290
———————— Pumilio, *Reichb. fil.* . . . . 294
———————— pseudo-distichum, *K. & P.* . . . 305
———————— trichromum, *Reichb. fil.* . . . 306
SARCANTHUS appendiculatus, *Hook. fil.* . . . 318
———————— filiformis, *Lindl.* . . . . . 319
———————— pallidus, *Lindl.* . . . . . 320
———————— secundus, *Griff.* . . . . . 321
SARCOCHILUS luniferus, *Benth.* . . . . . 276
———————— pygmaeus, *K. & P.* . . . . . 277
SPATHOGLOTTIS ixioides, *Lindl.* . . . . . 139
STAUROPSIS undulata, *Benth.* . . . . . 275
STEREOCHILUS bicuspidatus, *K. & P.* . . . . 314
———————— hirtus, *Lindl.* . . . . . 315

TAENIOPHYLLUM crepidiforme, *K. & P.* . . . 325
———————— retrospiculatum, *K. & P.* . . . 324
TAINIA Hookeriana, *K. & P.* . . . . . 143
—— latifolia, *Benth.* . . . . . 142
—— minor, *Hook. fil.* . . . . . 141
THELASIS longifolia, *Hook. fil.* . . . . . 332
———— pygmaea, *Lindl.* . . . . . 331
TIPULARIA Josephi, *Reichb. fil.* . . . . . 207
TYLOSTYLIS discolor, *Hook. fil.* . . . . . 180

VANDA alpina, *Lindl.* . . . . . 289
—— cristata, *Lindl.* . . . . . 287
—— parviflora, *Lindl.* . . . . . 286
—— pumila, *Hook. fil.* . . . . . 288
—— teres, *Lindl.* . . . . . 285

YOANIA Prainii, *K. & P.* . . . . . 237

# INDEX TO THE PLATES IN PART IV.


Anæctochilus crispus, *K. & P.* . . . . . 395
——— Elwesii, *K. & P.* . . . . . 394
——— grandiflorus, *Lindl.* . . . . . 393
——— lanceolatus, *Lindl.* . . . . . 392
——— Roxburghii, *Lindl.* . . . . . 390
——— Sikkimensis, *K. & P.* . . . . . 391
——— tortus, *K. & P.* . . . . . 396
Aphyllorchis alpina, *K. & P.* . . . . . 347
——— montana, *Reichb. fil.* . . . . . 349
——— parviflora, *K. & P.* . . . . . 348

Cephalanthera ensifolia, *Rich.* . . . . . 362
Cheirostylis Griffithii, *Lindl.* . . . . . 397
Corysanthes himalaica, *K. & P.* . . . . . 361
Cypripedium elegans, *Reichb. fil.* . . . . . 446
——— himalaicum, *Rolfe* . . . . . 448
——— tibeticum, *King* . . . . . 447
——— venustum, *Wall.* . . . . . 445

Didymoplexis pallens, *Griff.* . . . . . 346
Diplomeris hirsuta, *Lindl.* . . . . . 443

Epipactis consimilis, *Wall.* . . . . . 364
——— latifolia, *All.* . . . . . 363
Epipogum aphyllum, *Swartz* . . . . . 334
——— nutans, *Reichb. fil.* . . . . . 335

Galeola Cathcartii, *Hook. fil.* . . . . . 350
——— Falconeri, *Hook. fil.* . . . . . 353
——— Hydra, *Reichb. fil.* . . . . . 351
——— Lindleyana, *Reichb. fil.* . . . . . 352
Gastrodia Dyeriana, *K. & P.* . . . . . 345
Goodyera foliosa, *Benth.* . . . . . 374
——— fumata, *Thw.* . . . . . 377
——— fusca, *Lindl.* . . . . . 371
——— grandis, *K. & P.* . . . . . 379
——— Hemsleyana, *K. & P.* . . . . . 373
——— hispida, *Lindl.* . . . . . 375
——— procera, *Hook.* . . . . . 378
——— repens, *R. Brown.* . . . . . 370
——— secundiflora, *Griff.* . . . . . 376
——— vittata, *Benth.* . . . . . 372

Habenaria Aitchisoni, *Reichb. fil.* . . . . . 408
——— albo-marginata, *K. & P.* . . . . . 425
——— arietina, *Hook. fil.* . . . . . 407
——— aristata, *Hook. fil.* . . . . . 409
——— Bakeriana, *K. & P.* . . . . . 413
——— Biermanniana, *K. & P.* . . . . . 419
——— Cumminsiana, *K. & P.* . . . . . 424
——— constricta, *Hook. fil.* . . . . . 429
——— densa, *Wall.* . . . . . 420
——— Dyeriana, *K. & P.* . . . . . 418

Habenaria fallax, *K. & P.* . . . . . 428
——— furcifera, *Lindl.* . . . . . 410
——— geniculata, *Don.* . . . . . 405
——— goodyeroides . . . . . 430
——— „ var affinis, *K. & P.* . . . 430*bis*
——— juncea, *K. & P.* . . . . . 414
——— latilabris, *Hook. fil.* . . . . . 423
——— leptocaulon, *Hook. fil.* . . . . . 421
——— malleifera, *Hook. fil.* . . . . . 411
——— nematocaulon, *Hook. fil.* . . . . . 416
——— oligantha, *Hook. fil.* . . . . . 422
——— Parishii, *Reichb. fil.* . . . . . 426
——— pectinata, *Don.* . . . . . 406
——— Prainii, *Hook. fil.* . . . . . 431
——— pseudophrys, *K. & P.* . . . . . 432
——— secundiflora, *Hook. fil.* . . . . . 433
——— Sikkimensis, *Hook. fil.* . . . . . 417
——— stenantha, *Hook. fil.* . . . . . 412
——— stenopetala, *Lindl.* . . . . . 404
——— „ var. polytricha . . . 404*bis*
——— tentaculata, *Reichb. fil.* . . . . . 427
——— urceolata, *Clarke* . . . . . 415
Herminium angustifolium, *Benth.* . . . . . 434
——— angustilabre, *K. & P.* . . . . . 439
——— congestum, *Lindl.* . . . . . 440
——— gracile, *K. & P.* . . . . . 438
——— Jaffreyanum, *K. & P.* . . . . . 436
——— Josephi, *Reichb. fil.* . . . . . 441
——— orbiculare, *Hook. fil.* . . . . . 442
——— pugioniforme, *Lindl.* . . . . . 437
——— quinquelobum, *K. & P.* . . . . . 435
Herpysma longicaulis, *Wall.* . . . . . 367
Hetaeria rubens, *Benth.* . . . . . 393

Listera alternifolia, *K. & P.* . . . . . 341
——— brevicaulis, *K. & P.* . . . . . 340
——— dentata, *K. & P.* . . . . . 342
——— Lindleyana, *K. & P.* . . . . . 343
——— longicaulis, *K. & P.* . . . . . 239
——— micrantha, *Lindl.* . . . . . 236
——— pinetorum, *Lindl.* . . . . . 238
——— tenuis, *Lindl.* . . . . . 237

Orchis Chusua, *Don.* . . . . . 402
——— „ var. nana, *K. & P.* . . . . . 402*bis*
——— habenarioides, *K & P.* . . . . . 401
——— puberula, *K. & P.* . . . . . 403
——— spathulata, *Reichb. fil.* . . . . . 400

Pantlingia paradoxa, *Prain* . . . . . 344
Physurus herpysmoides, *K. & P.* . . . . . 368
Pogonia falcata, *K. & P.* . . . . . 357
——— Gammieana, *Hook. fil.* . . . . . 359

POGONIA macroglossa, *Hook. fil.* . . . . . 356
——— plicata, *Lindl.* . . . . . 358
——— Prainiana, *Hook. fil.* . . . . . 355
——— Scottii, *Reichb. fil.* . . . . . 360

SPIRANTHES australis, *Lindl.* . . . . . 369
SATYRIUM nepalense, *Don.* . . . . . 444
——— var. ciliata, *K. & P.* . . . . . 444*bis*

TROPIDIA angulosa, *Bl.* . . . . . 365
——— curculigiodes, *Lindl.* . . . . . 366

ZEUXINE abbreviata, *Hook. fil.* . . . . . 383
——— affinis, *Benth.* . . . . . 387
——— flava, *Benth.* . . . . . 386
——— Franchetiana, *K. & P.* . . . . . 398
——— glandulosa, *K. & P.* . . . . . 384
——— goodyeroides, *Lindl.* . . . . . 382
——— nervosa, *Benth.* . . . . . 385
——— pulchra, *K. & P.* . . . . . 380
——— reflexa, *K. & P.* . . . . . 388
——— sulcata, *Lindl.* . . . . . 381

Drawn by R. Pantling.

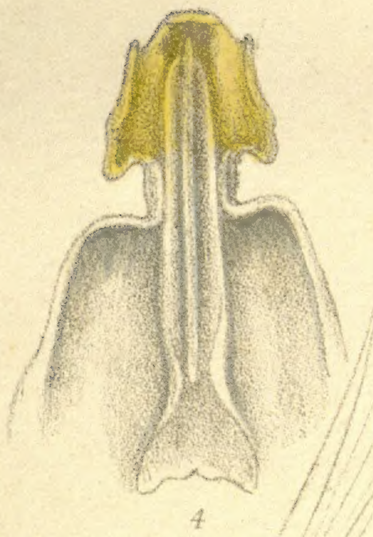
ANTHOCONIUM GRACILE, Lindl.

Lith. by S.C. Mondul.

1

2

3



4

5



6

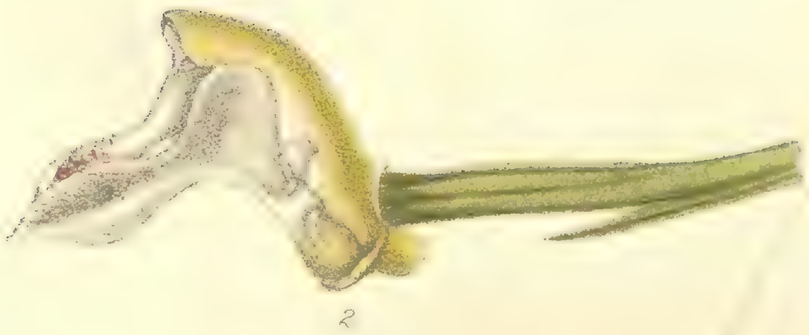


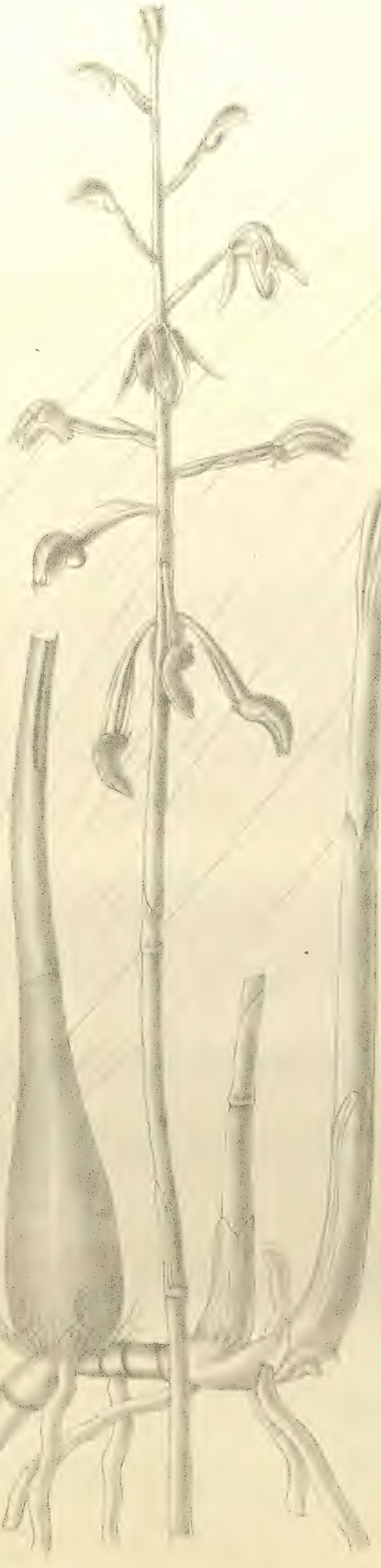
7

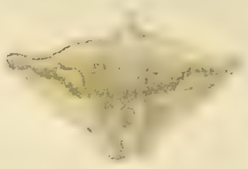
Drawn by R. Pantling.

Lith by A. C. Singha.

CHRYSOGLOSSUM ERRATICUM, Hook. fil.





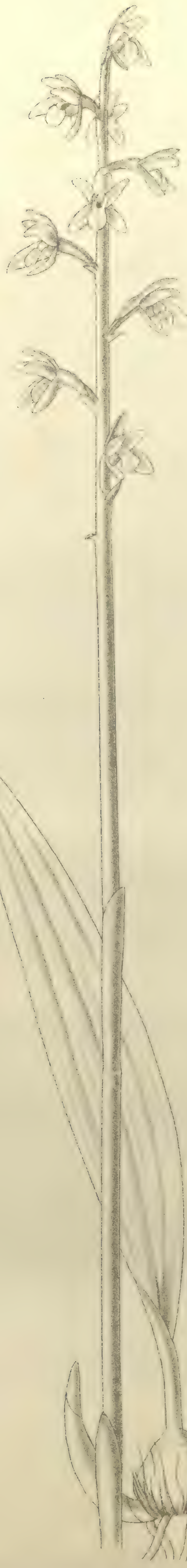


Drawn by P. Panting

CHRYSOGLOSSUM ERRATICUM, Hook. fil.

Lith. by A. C. Singha.

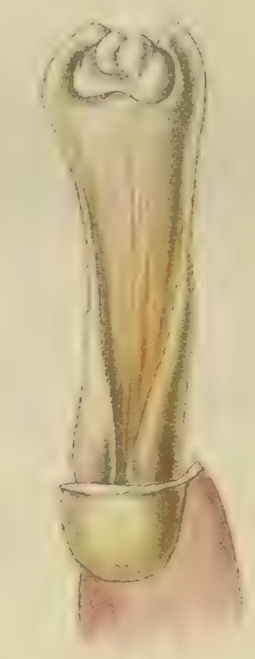
1



2



3



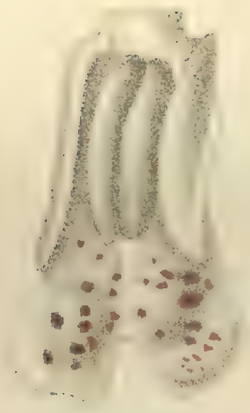
4

Drawn by R. Fanthing.

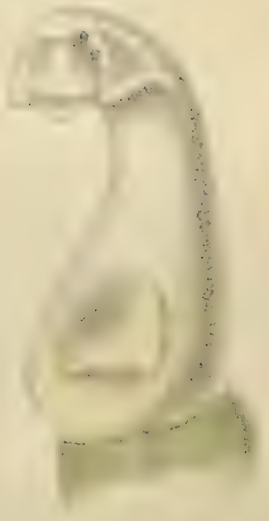
ORCHIS FOLIOSA, Lindl.

Lith. by A. C. Mukerjei.

1



3



4

2

Drawn by F Hamilton

ORLEORCHIS MICRANTHA, Lindl.

Lith by K P Dass

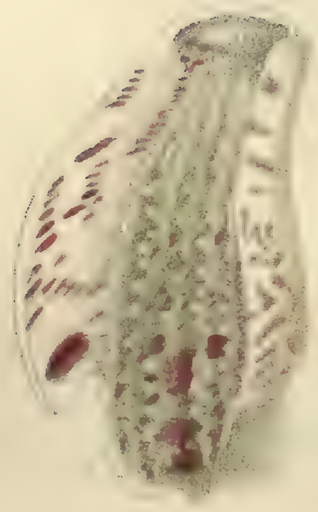
Drawn by R. Pantling.

SPATHOGLOTTIS IXIOIDES, Lindl.

Lith. by Jas. Ollivant, Kew.

1

2



3

4



5



6

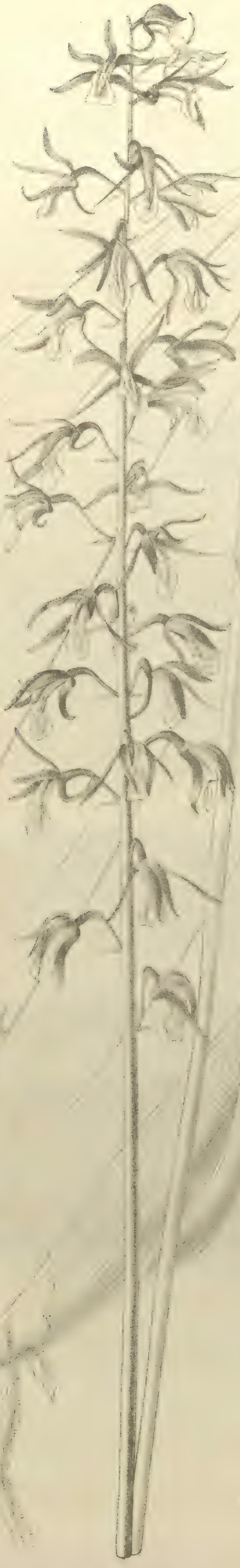
Drawn by H. Fielding.

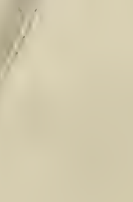
PACHYSTOMA SENILE, Reichb. fil.

Lith. by G. [illegible]

Drawn by D. Prain.

TAINIA MINOR. Hook. fil.







Drawn by R. Pantling.

Lith by Chitra Silpi

TAINIA LATIFOLIA, Benth.

Drawn by R. Pantling

Lith. by Cowell Bros. Cal.

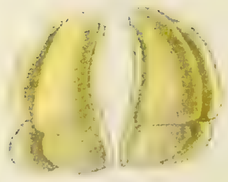
TAINIA HOOKERIANA, King & Pantling

1

2

3

4



5

Drawn by R. Pantling.

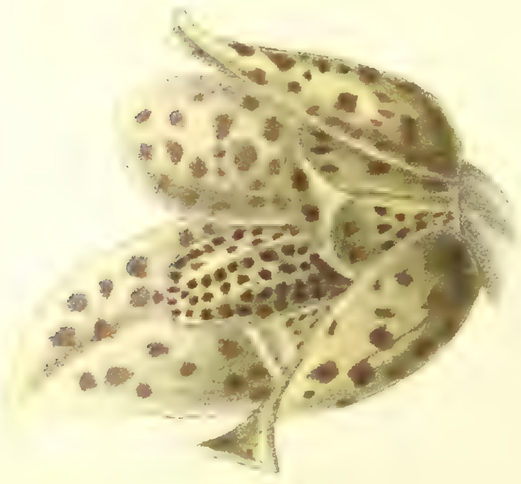
NEPHELAPHYLLUM PULCHRUM, Blume, var SIKKIMENSIS, Hook. fil.

Lith. by A. C. Mukerjei.

Drawn by R. Pantling.

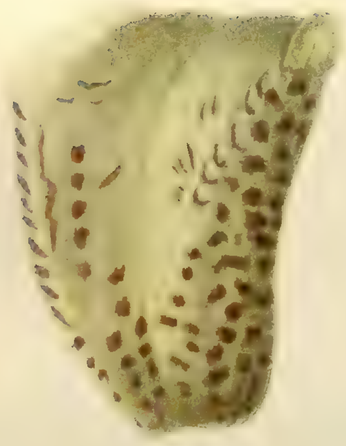
NEPHELAPHYLLUM CORDIFOLIUM, Lindl.

Lith: by New Chitra Silpi C°.



1

2



3

4

Drawn by R.Pantling.

BULBOPHYLLUM GRIFFITHII, Reichb. fil.

Lith. by A. C Mukerjee

Drawn by R. Pantling.

PHAJUS MACULATUS, Lindl:

Lith: by Chitra Silpi Cº

Drawn by R. Pantling.

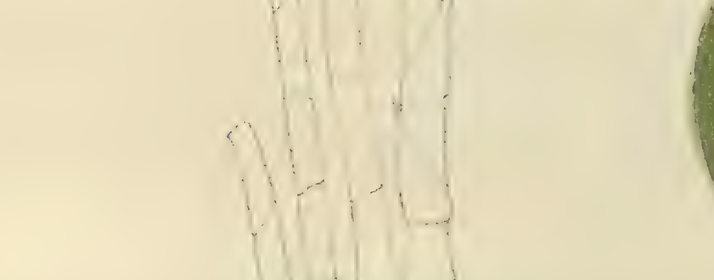
PHAJUS WALLICHII, Lindl.

Lith. by A. C. Mukerjei.

Drawn by R. Fanting

PHAJUS WALLICHII, Lindl. var. ASSAMICA, Rolfe & Fanting
= P. BLUMEI, Lindl. Var. PULCHRA, K. & P.

1



4

5

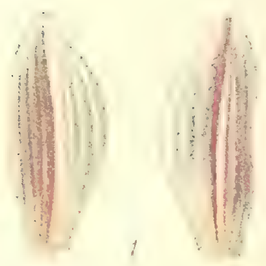
7

Drawn by R. Pantling

PHAJUS MISHMENSIS, Reichb. fil

Lith: by Chitra Silpi C

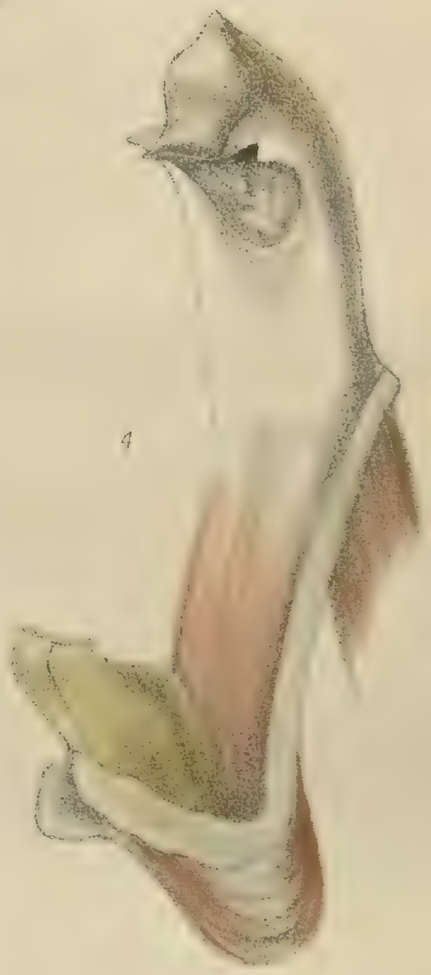
Lith. by A. C. Mukerjei.



1

2

3



4

5

6

Drawn by R. Pantling.

ACANTHEPHIPPIUM STRIATUM, Lindl.

Lith: by A. C. Singha

1

2

3

4

Drawn by R. Pantling.

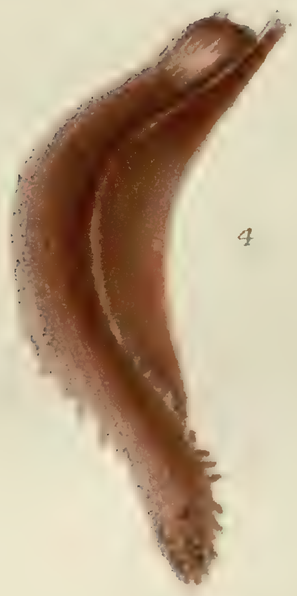
Lith. by B. K. Roy.

ARUNDINA BAMBUSIFOLIA, Lindl.

2

1

3



4

5

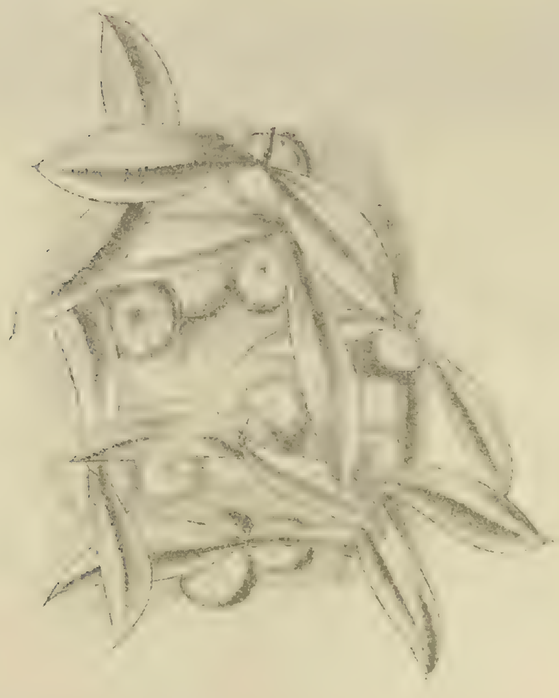
6

Drawn by R. Pantling.

~~ERIA~~ ~~FIBULIFORMIS, King & Pantling.~~

**PORPAX FIBULIFORMIS, King & Pantling.**

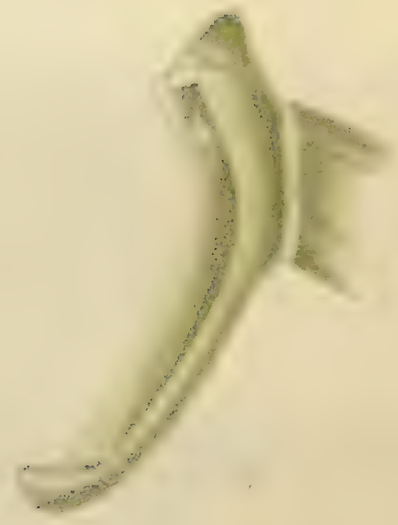
Lith: by A. C. Singha.



Drawn by R. Pantling.

PORPAX MEIRAX, King & Pantling.

Lith. by B. K. Roy.

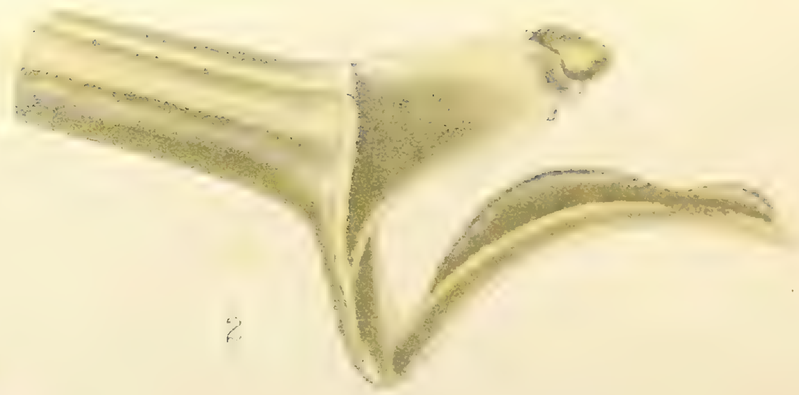


Drawn by R. Pantling.

ERIA MUSCICOLA, Lindl.

Lith. by A. — Bagha.

1



2

3

4

5

6

Drawn by R. Parkins.

ERIA BIFLORA, Griff.

Lith. by Chitra Sip. C.

1

2

3

4

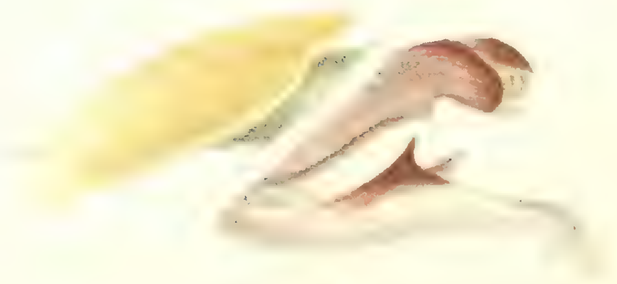
5

6

Drawn by R. Pantling

Lith: by Chitra Silpi Cº

ERIA CONVALLARIOIDES, Lindl.



Drawn by G. Gamble, F.L.S.

ERIA PUMILA, Lindl.

Litho. by N. N. Bose.

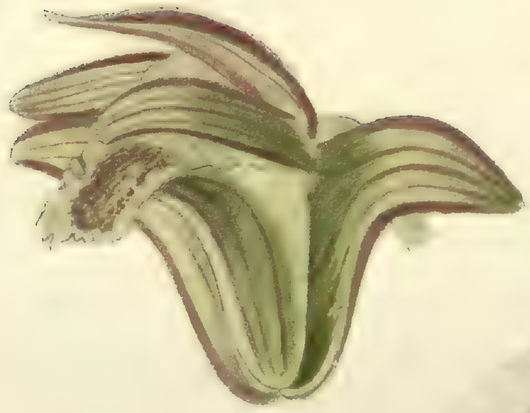
Drawn by R. Pantling.

ERIA BAMBUSIFOLIA, Lindl.

Lith: by New Chitra Silpi Co.

ERIA GRAMINIFOLIA, Lindl.

Ann. Roy. Bot. Garden, Calcutta. Vol. II. PLATE 78

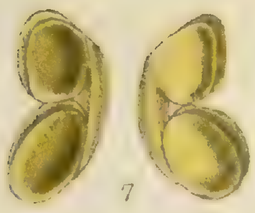


1

2

3

6



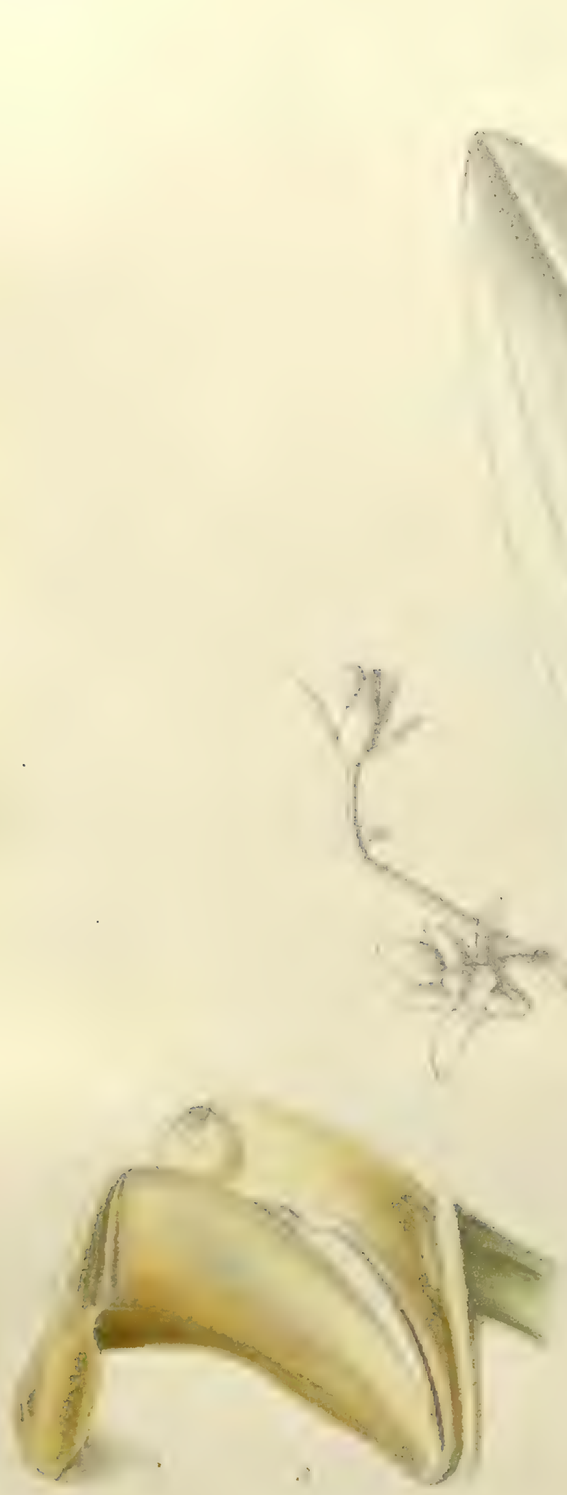
7

8

Drawn by R. Pantling.

ERIA VITTATA, Lindl.

Lith: by Chitra Silpi C[illegible]



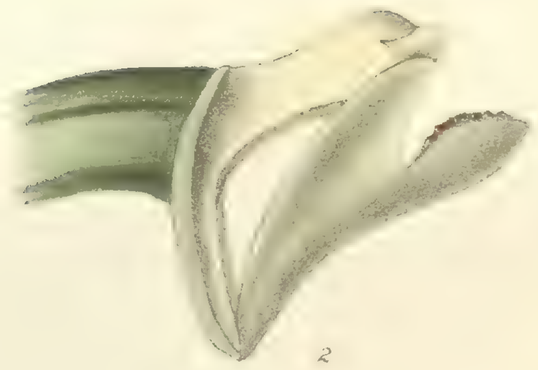
Drawn by R. Pantling.

ERIA GLABRA, King & Pantling.

= E. BRACTESCENS, Lindl.

Lith. by A.C. Singha.

1



2

4



5

3

6

Drawn by R. Pantling.

ERIA CLAUSA, King & Pantling.

Lith. by K. P. Dutt.

Drawn by S. Parkinson.

ERIA FRAGRANS, Reichb. fil.

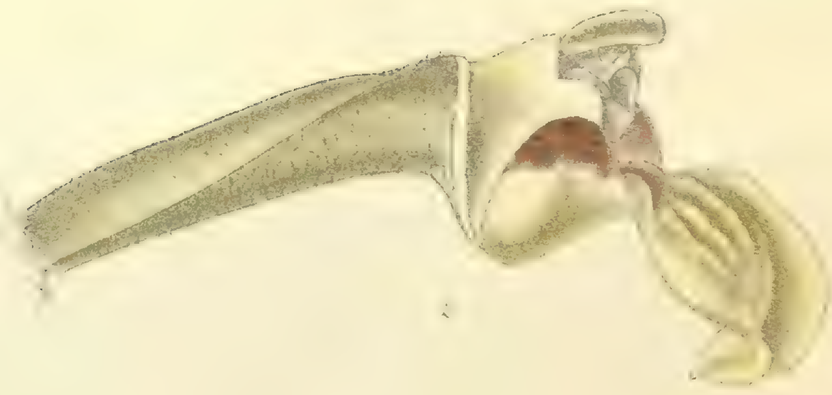
Lith. by K.P. Dass.

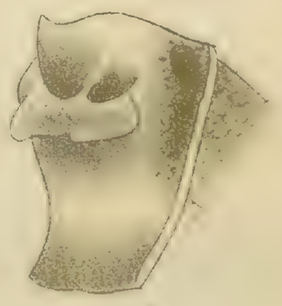
Drawn by R. Pantling.

ERIA CONFUSA, Hook.fil.

Lith. by A. C. Singha.

Himalaya.





4





5



6

Drawn by P. Pantling.

ERIA EXCAVATA, Lindl.

Lith by New Chitra Silpi Cº.

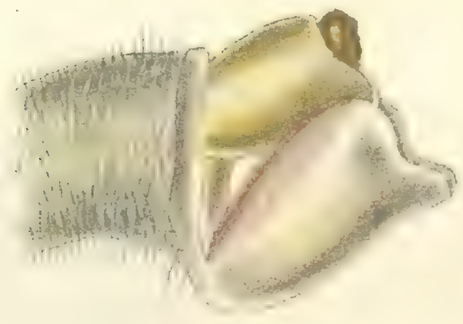
Drawn by R. Pantling.

Lith. by Chitra Sirpi &c.

~~TRICHOSMA SUAVIS, Lindl.~~

**ERIA CORONARIA, Reichb. fil.**

1



2



4

5

3

6

Drawn by R. Pantling.

Lith by A. C. Mukerjei.

ERIA STRICTA, Lindl.

Drawn by R Fanthng.

Lith by Chitra Silp. Cc

ERIA PANICULATA, Lindl.

1

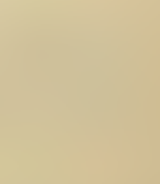
2

3

4



5



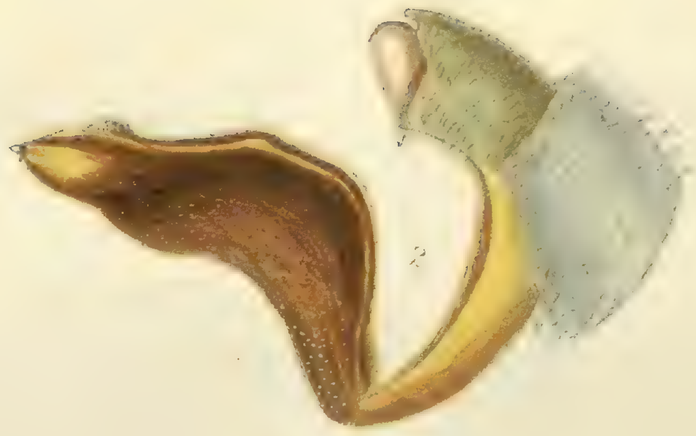
6

ERIA FLAVA, Lindl.

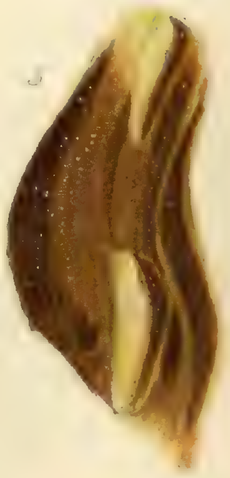
Drawn by R. Pantling.

Lith. by A. C. Singha.

1

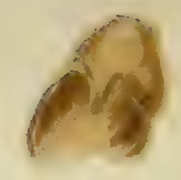


2



3

4



5

6

Drawn by R. Pantling.

ERIA PANNEA, Lindl.

Lith. by A. C. Mukerjei.

1

2

3

4

5

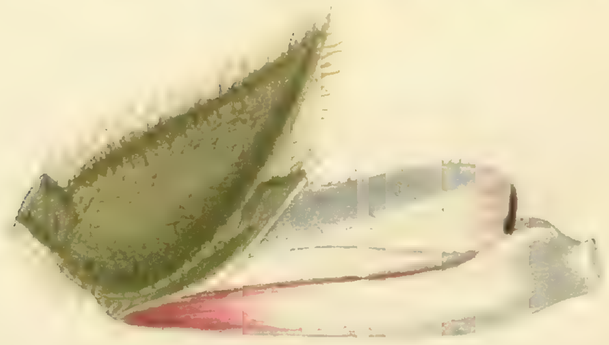
6

Drawn by R. Pantling.

ERIA DASYPHYLLA, Par. & Reichb. fil.

Lith: by A. C. Singha.

1



2



3

5

4

6

Drawn by R. Pantling

ERIA RUFINULA, Reichb. fil.

Lith: by Ch[illegible] Calpi [illegible]

1

2

3

4

5

6

Drawn by R. Pantling.

ERIA CARINATA, Gibson.

Lith by P. N. Sinha.

Drawn by R. Pantling.

~~ERIA DISTICHA, Lindl.~~

TYLOSTYLIS DISCOLOR, Hook.fil.

Lith. by A. C. Sughe.

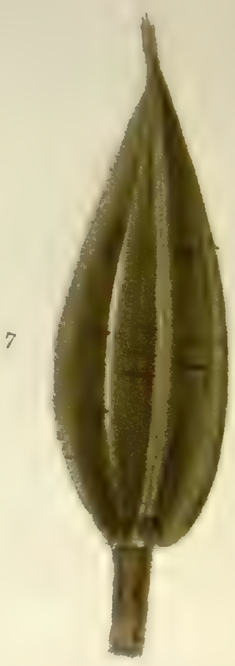
Drawn by R. Pantling.

CŒLOGYNE FUSCESCENS, Lindl.

Drawn by R. Pantling.

CŒLOGYNE OCHRACEA, Lindl.

Lith. by A. C. Mukerjei.



CŒLOGYNE FLACCIDA, Lindl.

Drawn by R. Pantling.

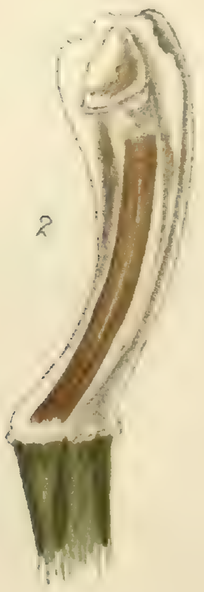
Lith. by New Chitra Silpi Co.

Drawn by R. Pantling.

Lith. by Chitra Silpi C.e

CŒLOGYNE CRISTATA, Lindl.

1



2

3



4



5

Drawn by D. Prain.

Lith. by Chitra Engr. Co.

1

2

3

4

5

Drawn by R. Pantling

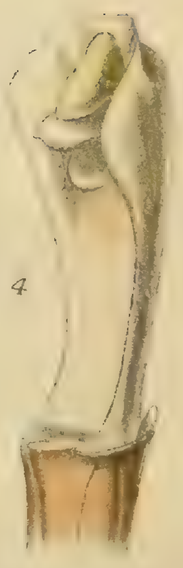
CŒLOGYNE OVALIS, Lindl.

Lith. by A. C. Sircha.

1

2

3



4

6

5

7

Drawn by R. Pantling.

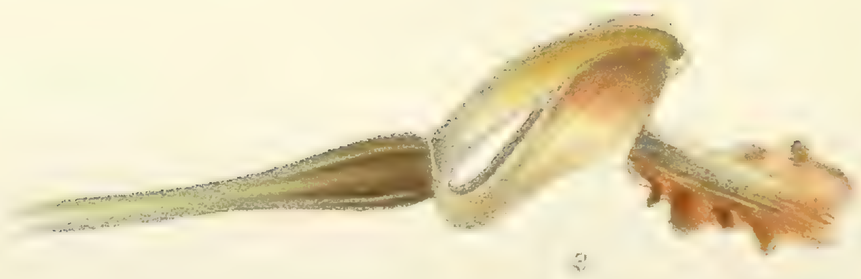
CŒLOGYNE ELATA, Lindl.

Lith. by New Chitra Engg. Co.

Drawn by K. Pantling.

CŒLOGYNE LONGIPES. Lindl.

Lith. by K. D. Chandra.



5

6

Drawn by P. Barding.

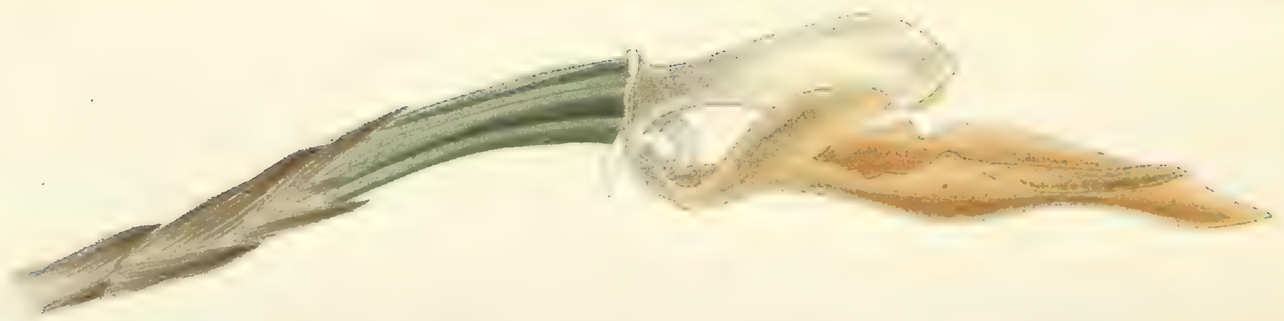
CŒLOGYNE PROLIFERA, Lindl.

Lith. by A. C. Dutta.

CEELOGYNE FLAVIDA, Wall.

Drawn by a Native.

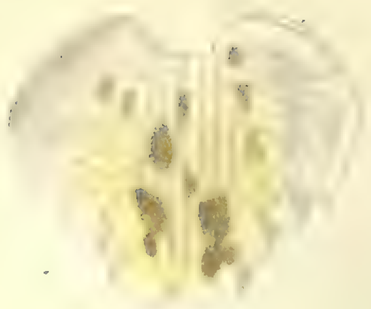
Lith. by B. K. Roy.

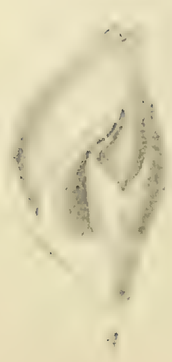


Drawn by R. Pantling.

CŒLOGYNE UNIFLORA, Lindl.

Lith: by Chitra [illegible]





5

Drawn by R. Pantling.

CŒLOGYNE HUMILIS, Lindl.

Lith. by [illegible] Dass.

1

2

3

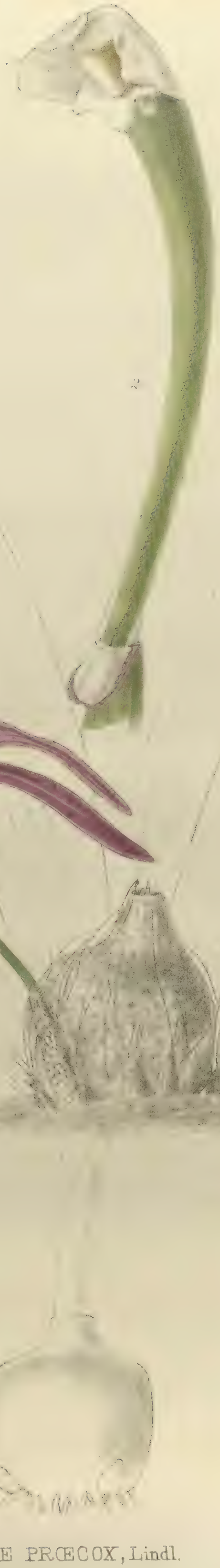
4

5

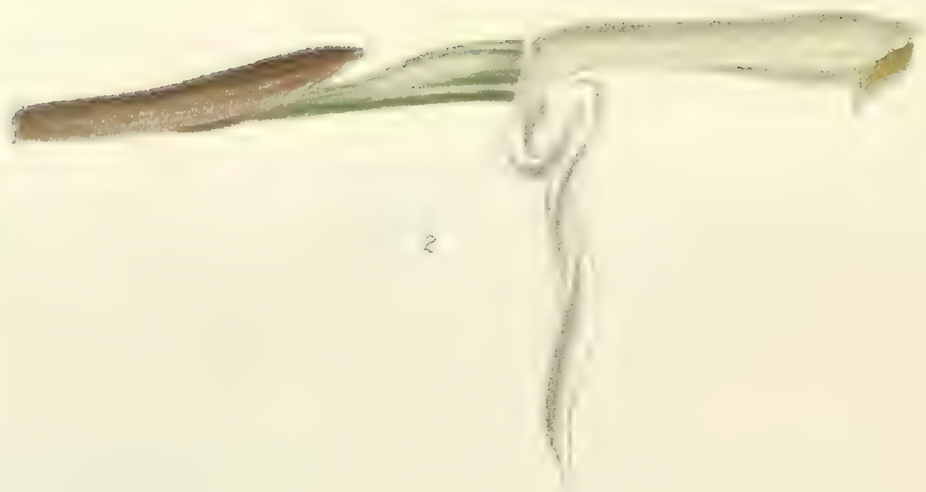
Drawn by R. Pantling.

CŒLOGYNE MACULATA, Lindl.

Lith. by New Chitra Silpi Co.



CŒLOGYNE PRŒCOX, Lindl.



Drawn by R. Panting.

PANISEA PARVIFLORA, Lindl.

Lith. by K. D. Chandra

Drawn by K. Pabitra

DIOSCOREA PENTAPHYLLA, Linn.

Lith. by Chitra

Drawn by R. Pantling

OTOCHILUS FUSCA, Lindl.

Lith. by A. C. Mukerjee.

OTOCHILUS ALBA, Lindl.

Drawn by R. Pantling.

Lith. by A. C. Singha.

Drawn by R. Pantling.

PHOLIDOTA IMBRICATA, Lindl.

Lith. by A. C. Mukerjea

Drawn by R. Pantling.

PHOLIDOTA RUBRA, Lindl.

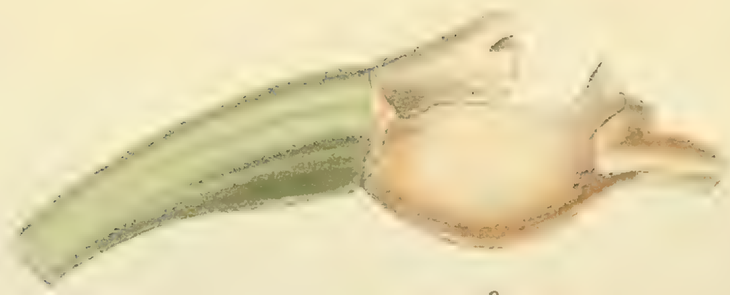
Lith. by A.C. Singha.

Drawn by R. Pantling.

Lith: by B. K. Roy.

PHOLIDOTA PROTRACTA, Hook. fil.

1



2

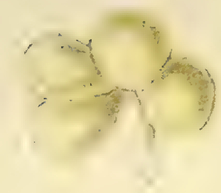
3

4



5

6



7

Drawn by R. Pantling.

P. ARTICULATA, Lindl. var. GRIFFITHII, K. & P.

Lith: by K. P. Dass.

Drawn by R. Pessling.

PHOLIDOTA ARTICULATA, Lindl.

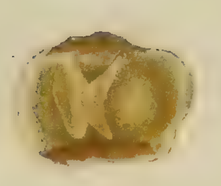
Lith: by Chitra Silpi Cº

1

2

3

4



5

6

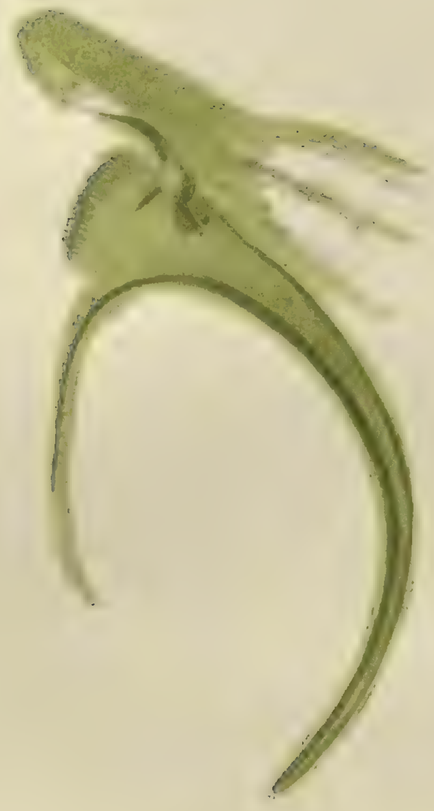
Drawn by R. Pantling.

PHOLIDOTA RECURVA, Lindl.

Lith: by K. D. Chandra.

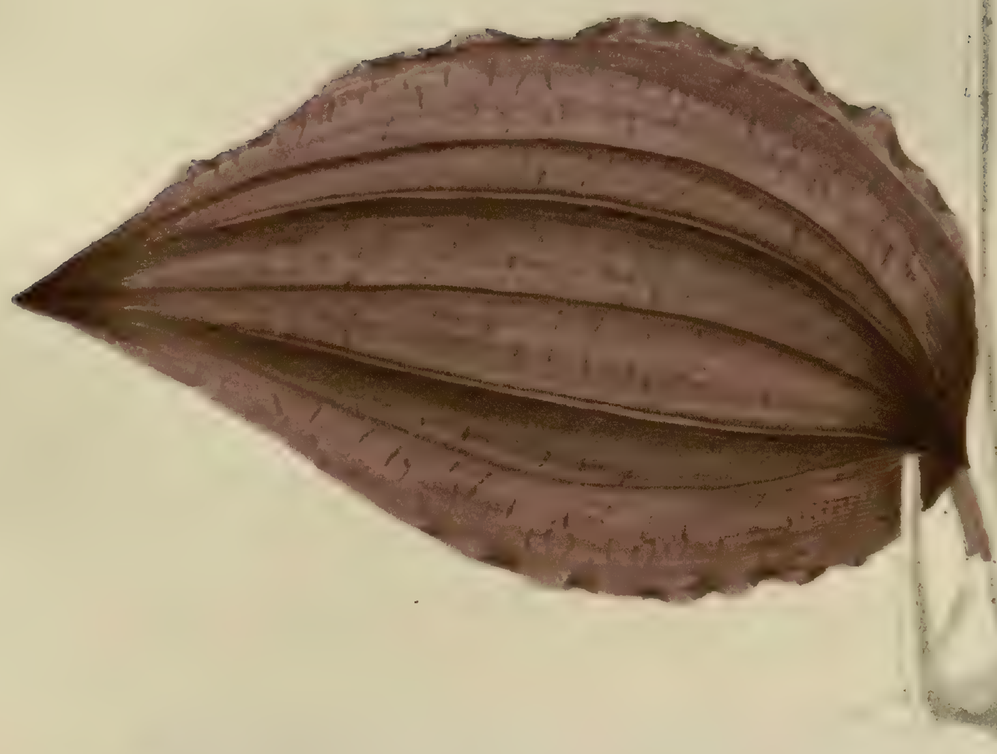
1

2



3

4



5

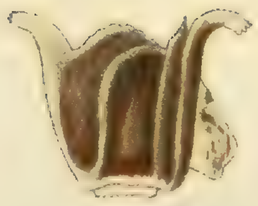
6

Drawn by G. Pantling

TIPULARIA JOSEPHII, Reichb. fil.

Lith. by Dhuru

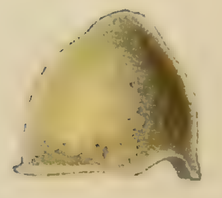
1



3

4

2



6

5



7

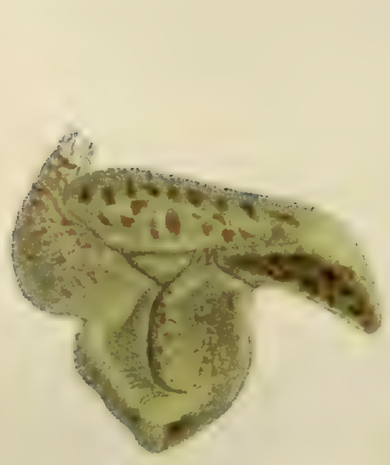
8

R. Pantling del.

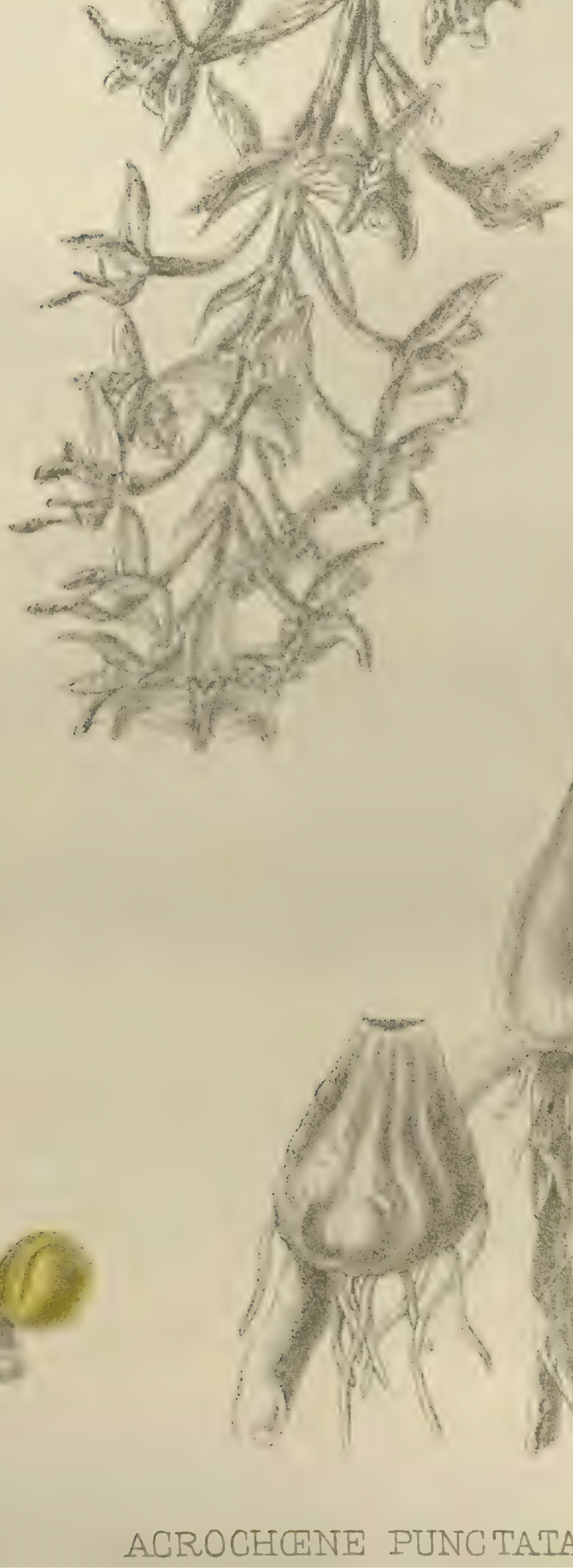
MONOMERIA BARBATA, Lindl.

Lith. by A.C. Chowdhary.

1



3

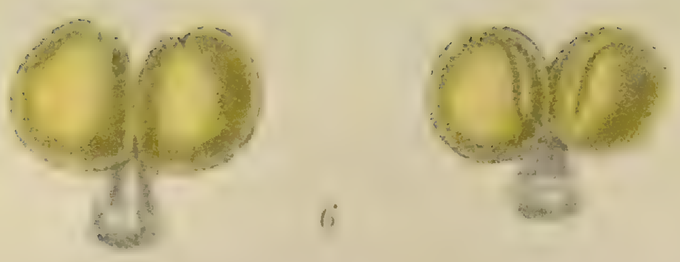




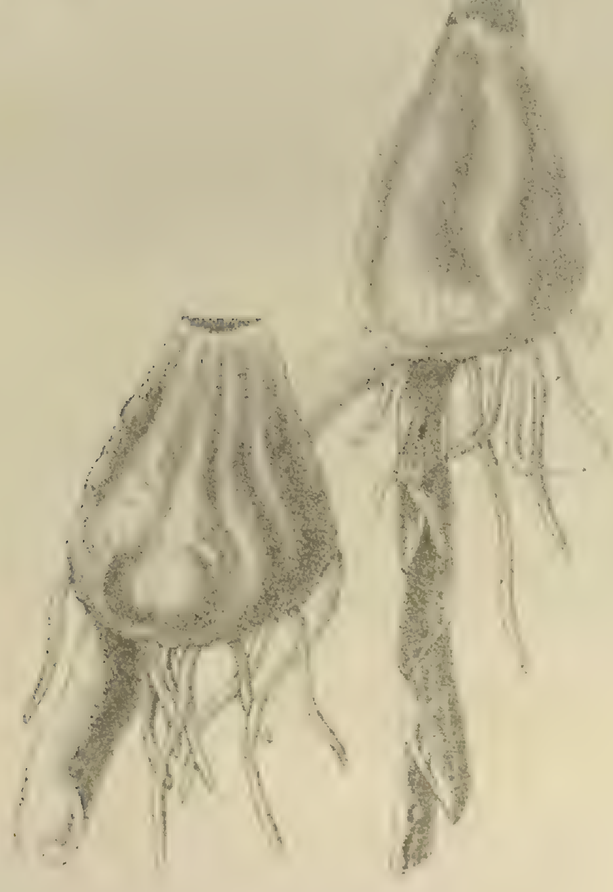
4



5



6





Drawn by R. Pantling.

ACROCHŒNE PUNCTATA, Lindl.

Lith. by A. C. Laughan.

AGROSTOPHYLLUM KHASIANUM, Griff.

AGROSTOPHYLLUM MYRIANTHUM, King & Pantling

Drawn by K. Pantling.

Lith. by A. L. Singh.

AGROSTOPHYLLUM CALLOSUM, Kraenzl. &c.

Drawn by R. Pantling.

AGROSTOPHYLLUM BREVIPES, King & Pantling.

Litho by Chitra Silpi C

1

2



3



4



5



6

Drawn by R. Pantling.

RITAIA HIMALAICA, King & Pantling.

Litho by K. P. Dass

1

3

5

6

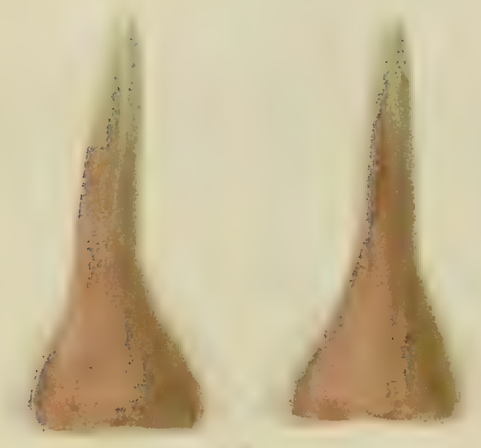
Drawn by R. Pantling.

IONE PALEACEA, Lindl.

Lith. Ty. & P. Calcutta.

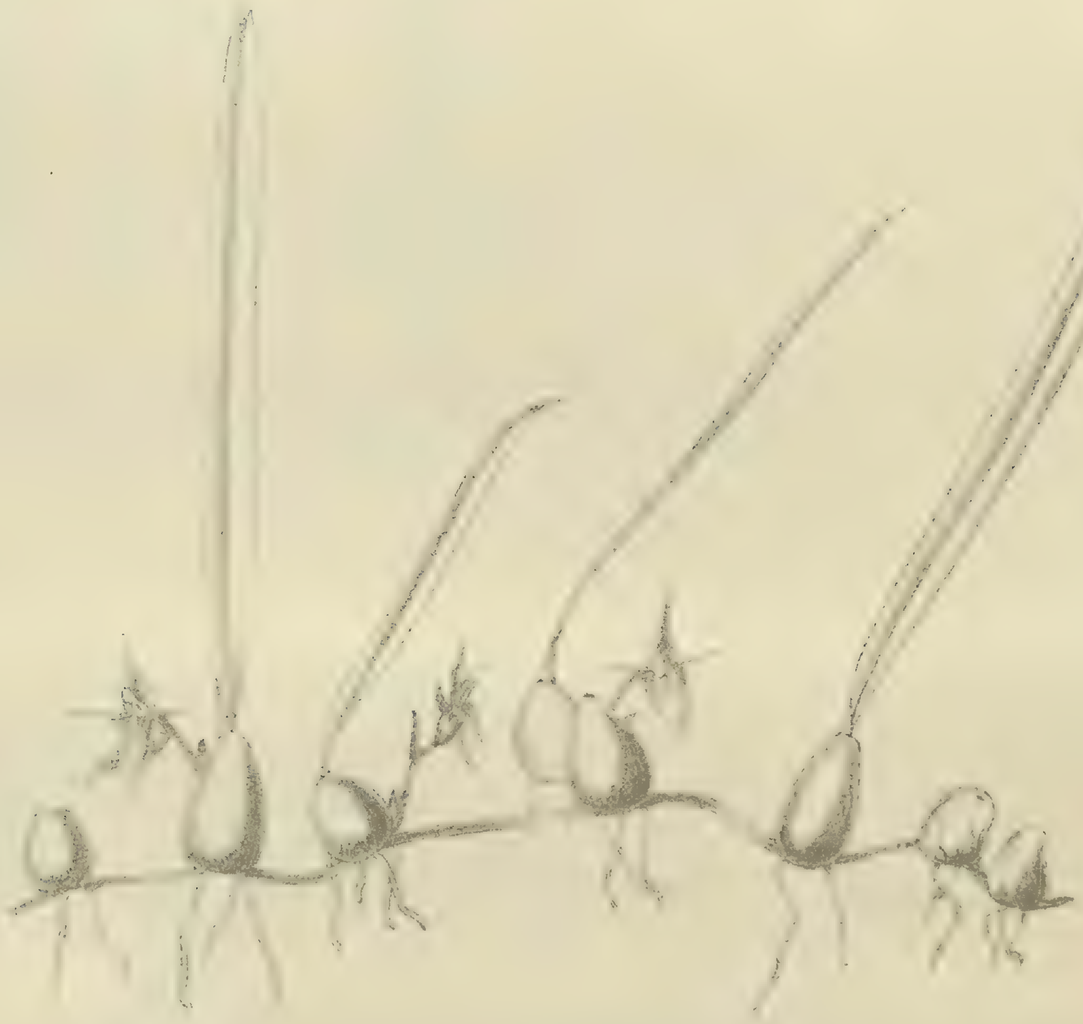
Drawn by R. Pantling.

IONE BICOLOR, Lindl.



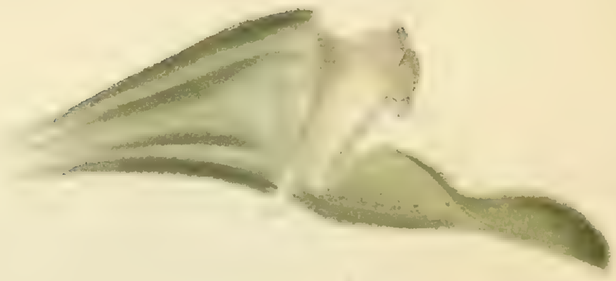
Drawn by R. Pantling.

IONE ANDERSONI, King & Pantling.



IONE INTERMEDIA, King & Pantling.

Lith: by New Chitra



3

4

Drawn by P. Pantling.

Litho. by Dacca Soc.

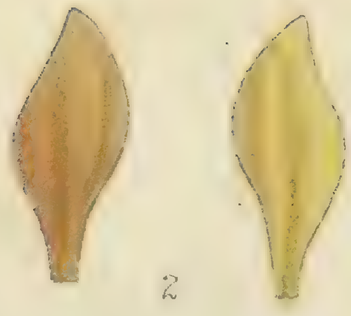
ZONE SCARIOSA. King & Pantling.

CRYPTOCHILUS SANGUINEA, Wall.

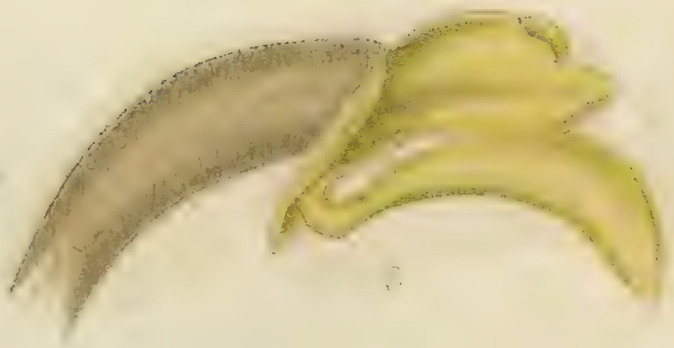
Drawn by D. Prain.

Lith. by A. C. Mukerjei.

1



2



3

4



5



6



7

Drawn by G Panting.

CRYPTOCHILUS LUTEA, Lindl.

Lith. by A. C. Mukerjei.

CALANTHE LONGIPES, Hook. fil.

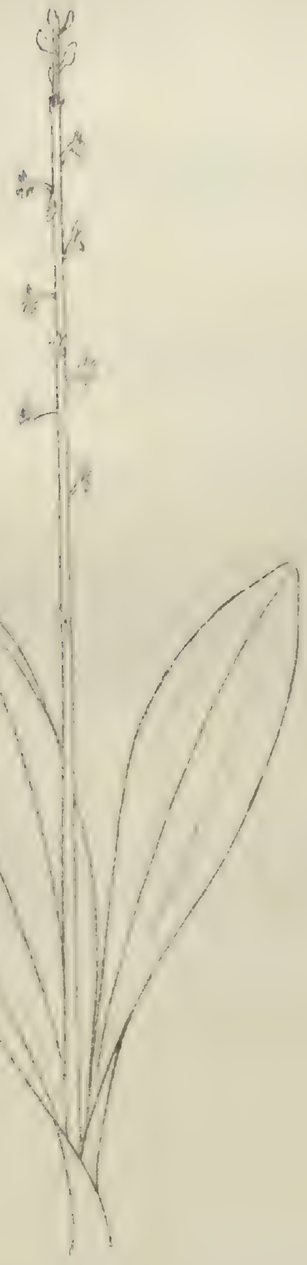
= C. GRACILIS, Lindl.

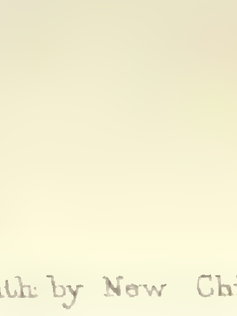
1

2

3

4





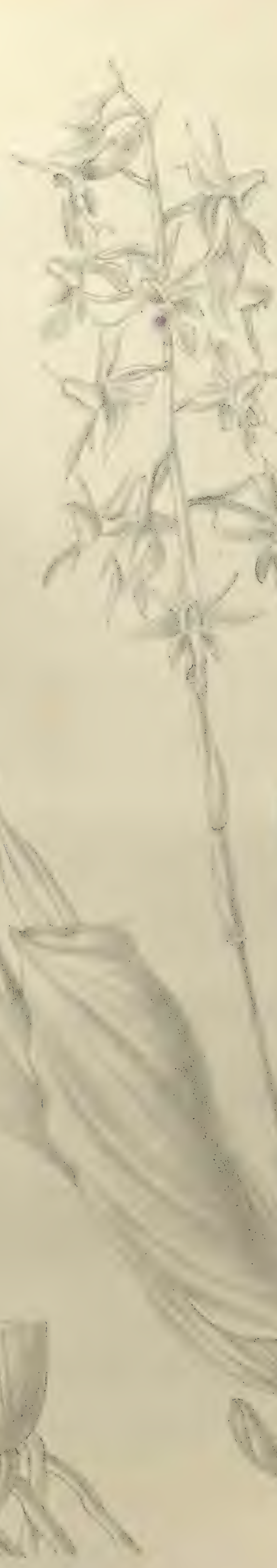
5

Drawn by R. Pantling.

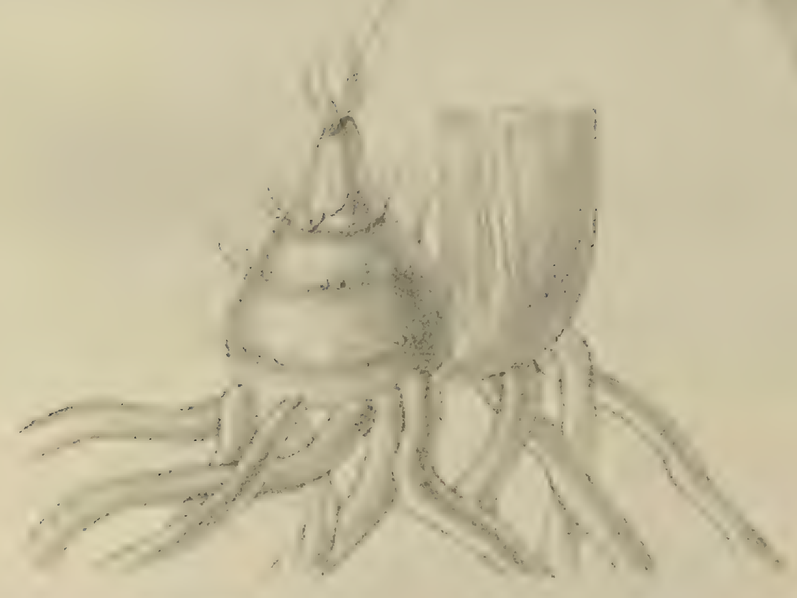
CALANTHE TRICARINATA, Lindl.

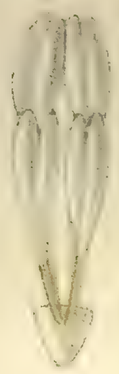
Lith. by New Chitra Silpi Co.

1



2



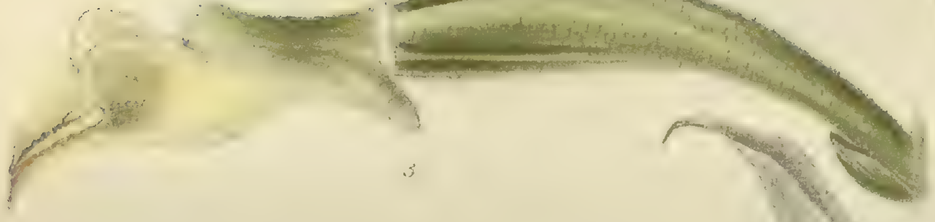


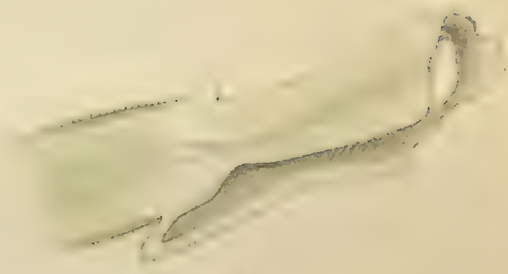
3

Drawn by R. Pantling.

CALANTHE PUBERULA, Lindl.

Lith. by A. C. Sinha.





Drawn by R. Pantling.

CALANTHE MANNII, Hook. fil.

Lith: by K. P. Dass.

CALANCHOE TRULLIFORMIS, King & Pantling.

1

4

2

5

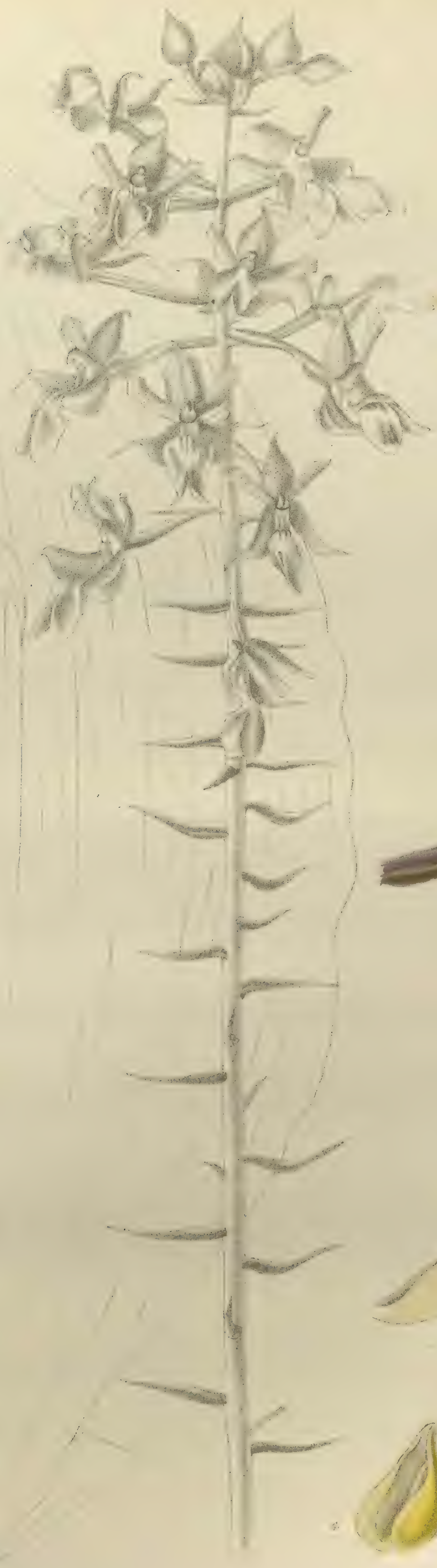
3

6

Drawn by R. Pantling.

CALANTHE BREVICORNU, Lindl.

Lith by A. C. Sircar



Drawn by R. Pantling.

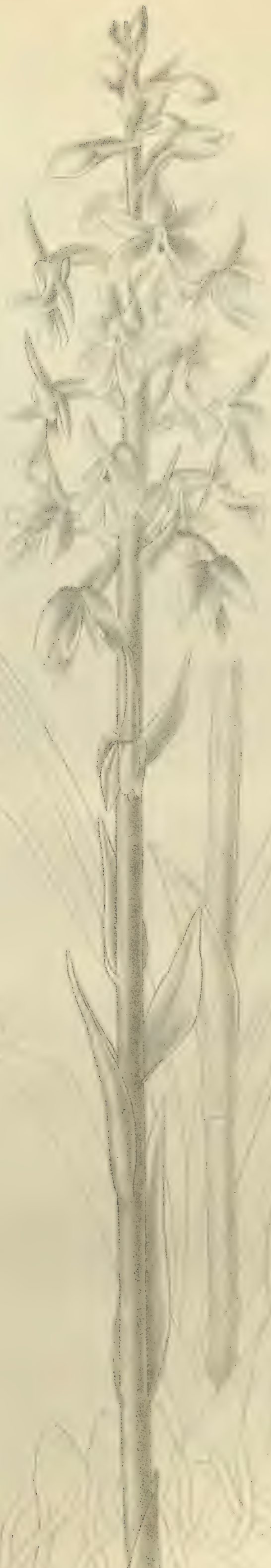
Lith: by Chitra S.Ap.

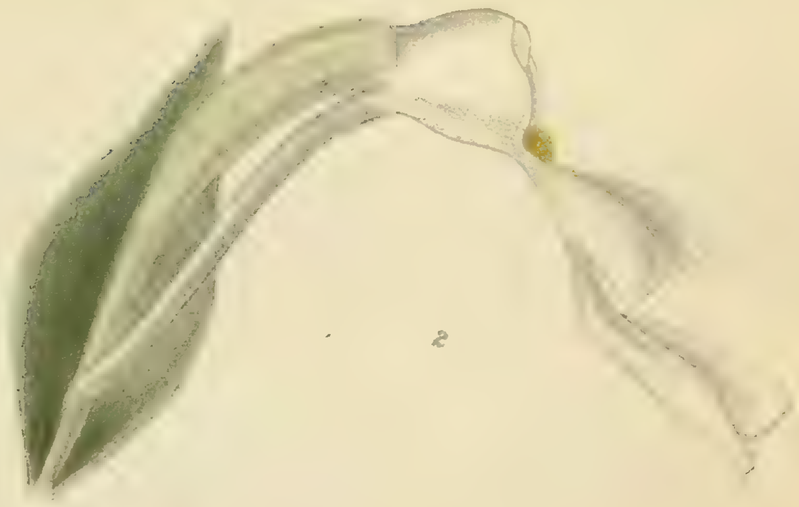
CALANTHE BILOBA, Lindl.

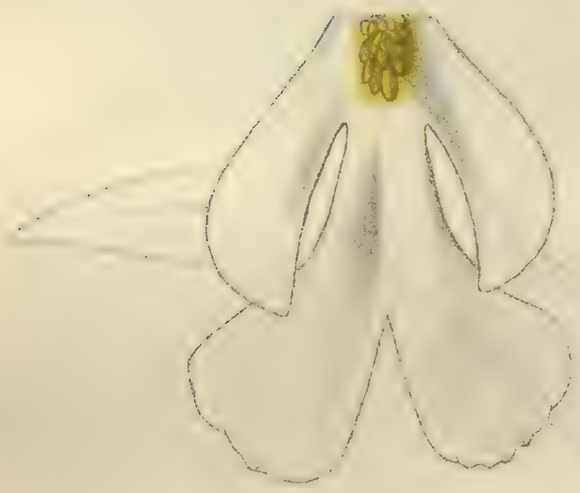
Drawn by R. Purdom.

CALANTHE ALPINA, Hook. fil.

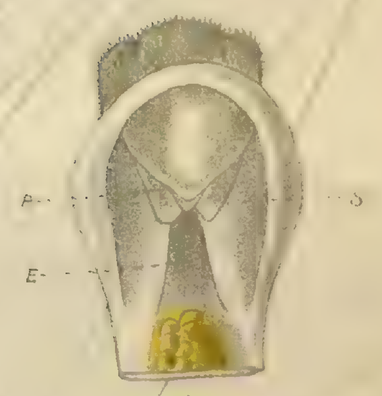
CALANTHE CHLOROLEUCA, Lindl.







3



4

5

6

Drawn by R. Panthig.

CALANTHE ANGUSTA, Lindl.

Lith. by K. D. Chandra.

Ann. Roy. Bot. Gard. Calcutta, Vol. 6, PLATE 253.

Drawn by P. Fantin, jr.

Lith. by A. C. Mukerjei.

CALANTHE HERBACEA, Lindl.

Drawn by R Pantling.

CALANTHE MASUCA, Lindl.

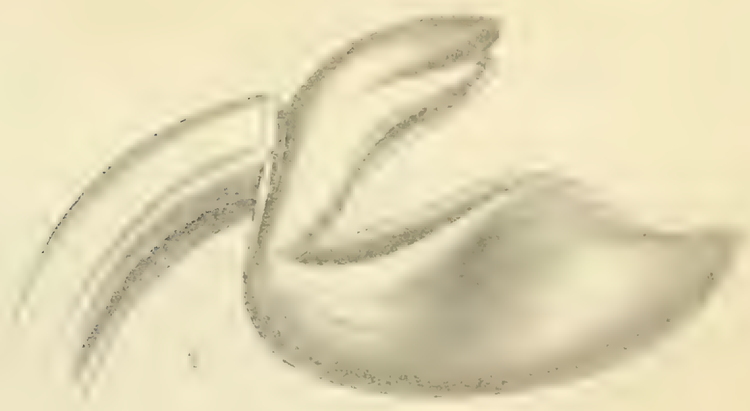
Lith: by Chitra Silpi C°

Drawn by R Pantling.

Lith. by Chitra Silpi Cº

CALANTHE WHITEANA, King & Pantling.

CALANTHE DENSIFLORA, Lindl.



RHIZOPHIA GRAMINEA, Lindl.

[illegible] ng & L. Parrott.

Lith[illegible] Co.

Drawn by R. Pantling.

EULOPHIA MANNII, Hook. fil.

Lith. by A.C. Singha.

Drawn by S. Paul Esq.
COELOGYNA GEMMULATA. Kurz & Pantling.
Lith. by A. C. Singha.

EULOPHIA CAMPESTRIS, Wall.

1

2

3

4

5

7

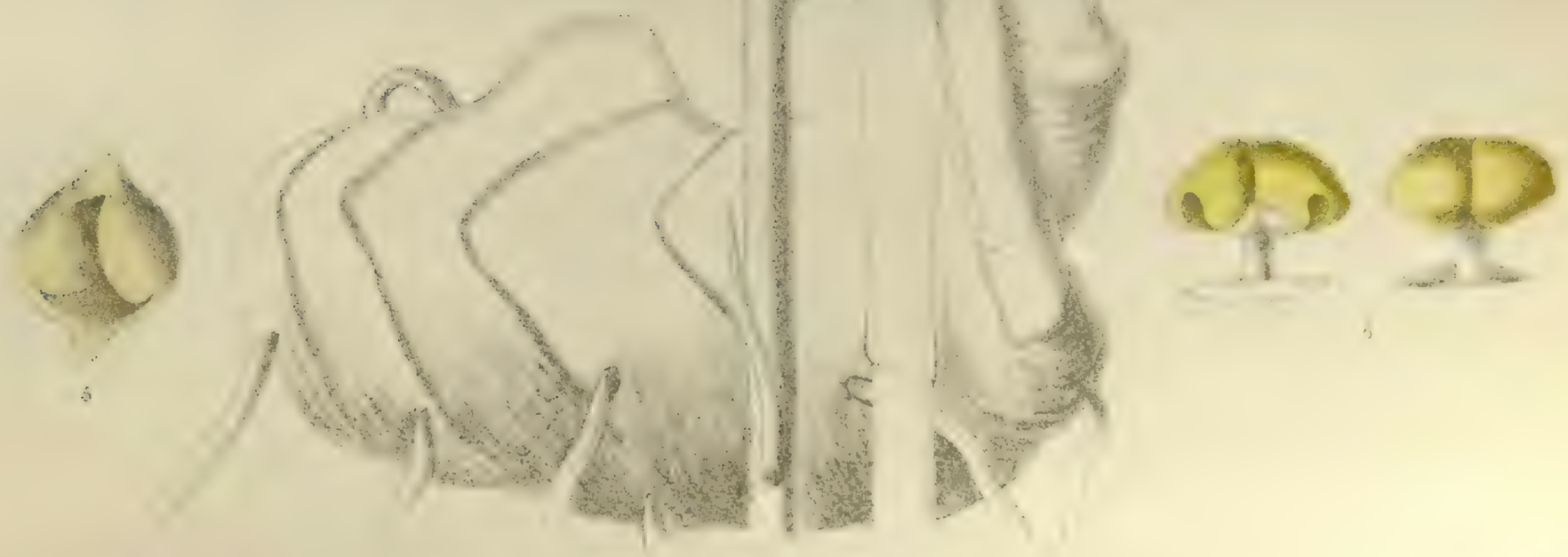
6

Drawn by R. Pantling.

EULOPHIA SANGUINEA, Hook. fil.

Lith. by New Chitra Silpi Co.

EULOPHIA NUDA, Lindl.







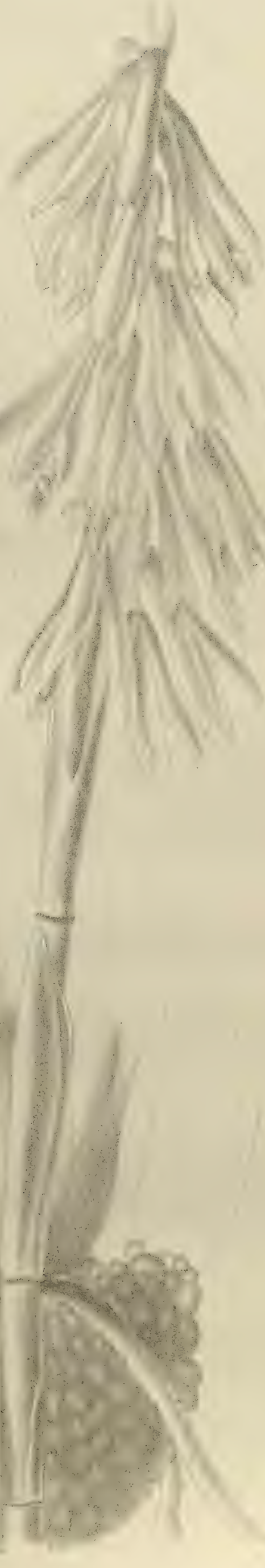
Drawn by K. Pantling

EULOPHIA BICARINATA, Hook. fil. VAR. MAJOR, K & P.

Litho by

GEODORUM PURPUREUM, Br.

1



2

3

4

5

6

Drawn by H. Pantling.

CREMASTRA WALLICHIANA, Lindl.

Lith. by New Indian Sitho. Co.

Drawn by R. Pantling.

CYMBIDIUM LANCIFOLIUM, Hook.

Ann. Roy. Bot. Gardens, Calcutta Vol. [illegible] Pl. [illegible]

Drawn [illegible]

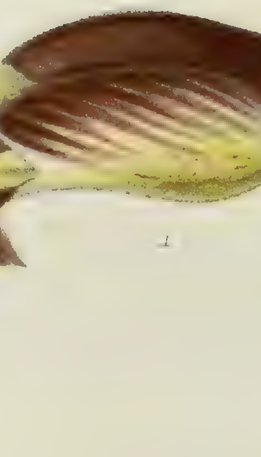
CYPRIPEDIUM CYPRIPEDIOLUM Wall

Lith. at Circ. Office

Drawn by R. Pantling.

CYMBIDIUM MUNROIANUM, King & Pantling.

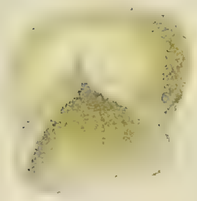
Lith. by A. C. Mukherjee.



Drawn by R. Pantling.

CYMBIDIUM SIMONSIANUM, King & Pantling.

Litho by A. C. Mukherjee



Drawn by R. Panthing.

CYMBIDIUM PENDULUM, Swartz.

Lith. by A. L. Singh.

CYMBIDIUM ALOIFOLIUM, Swartz.

Drawn by R. Pantling.

CYMBIDIUM DEVONIANUM, Paxt.

Lith. by A. C. Singha.

Drawn by R. Panthing

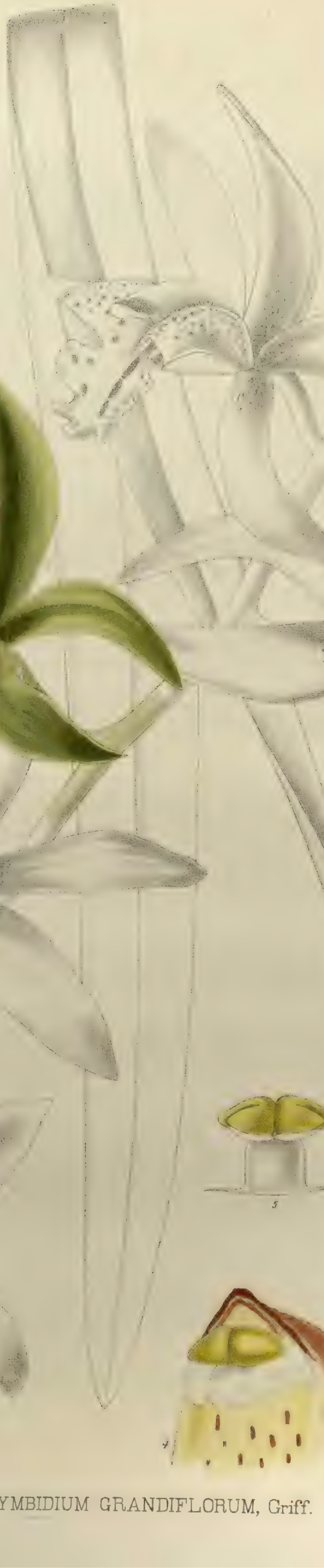
[illegible]

CYMBIDIUM LONGIFOLIUM, Don.

CYMBIDIUM GIGANTEUM, W.

1

2



3

4

5

Drawn by R. Pantling.

CYMBIDIUM GRANDIFLORUM, Griff.

Lith. by S.C. Mondul.

Drawn by R. Pantling

CYMBIDIUM GAMMIEANUM, King & Pantling

CYMBIDIUM WHITEÆ, King & Pantling.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8. PLATE 260.

Drawn by R. Pantling.

Lith: by Chitra Silpi C[illegible]

CYMBIDIUM COCHLEARE, Lindl.

Drawn by R. Pantling.

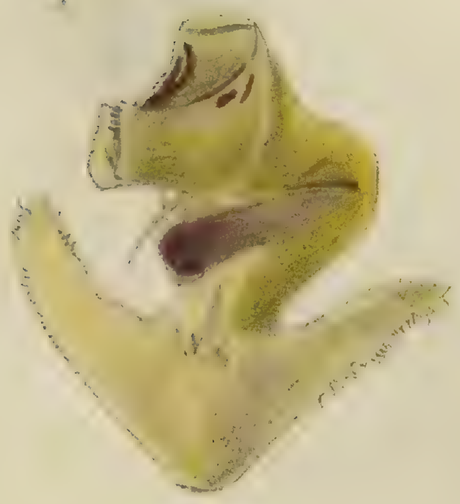
CYMBIDIUM MASTERSII, Griff.

— by K. D. Chandra.

Drawn by K. Pantling.

PHALÆNOPSIS PARISHII, Reichb:fil: var. LOBBII R.f.

Lith. by A. C. Mukerjei

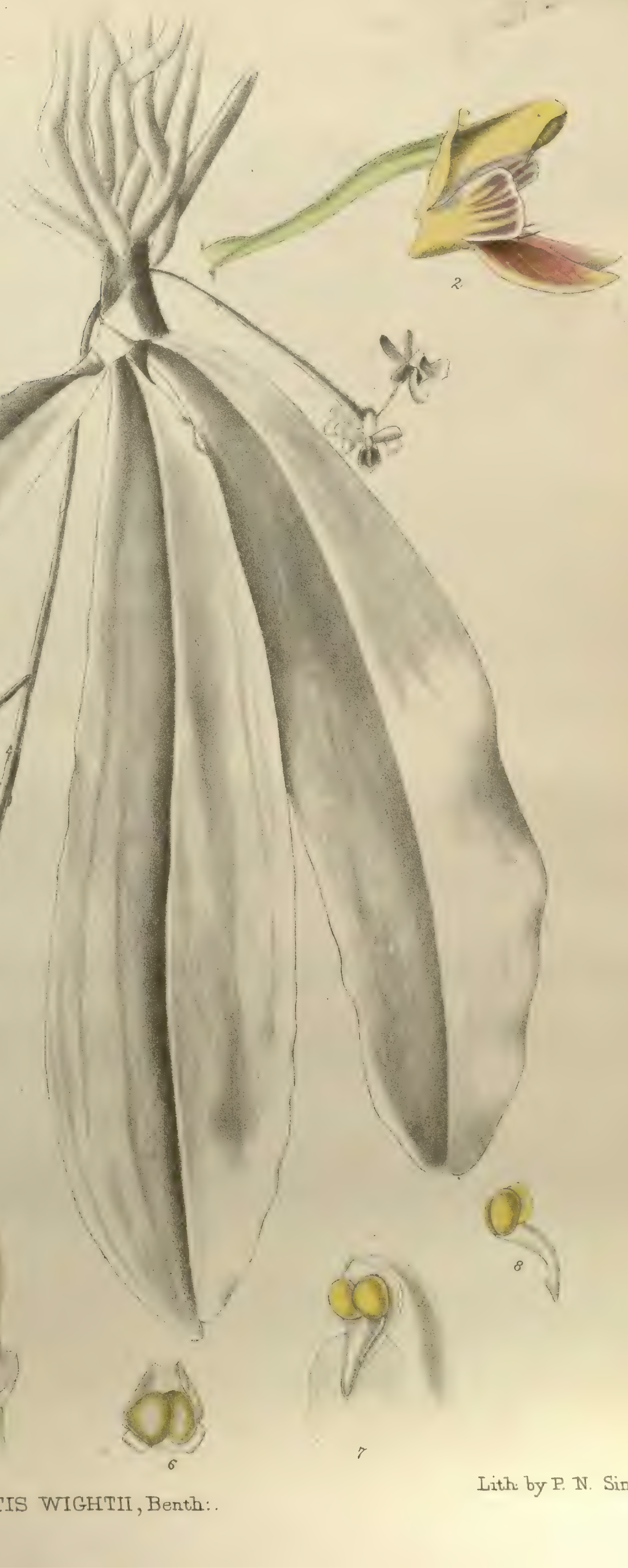


Drawn by R. Pantling.

PHALŒNOPSIS MANNII, Reichb. fil.

Lith. by Thos. & Sons, Calcutta.

1



2

3

4

5



6



7



8

Drawn by R. Pantling.

DORITIS WIGHTII, Benth:.

Lith by P. N. Sinha.

1

2

3

4

5

6

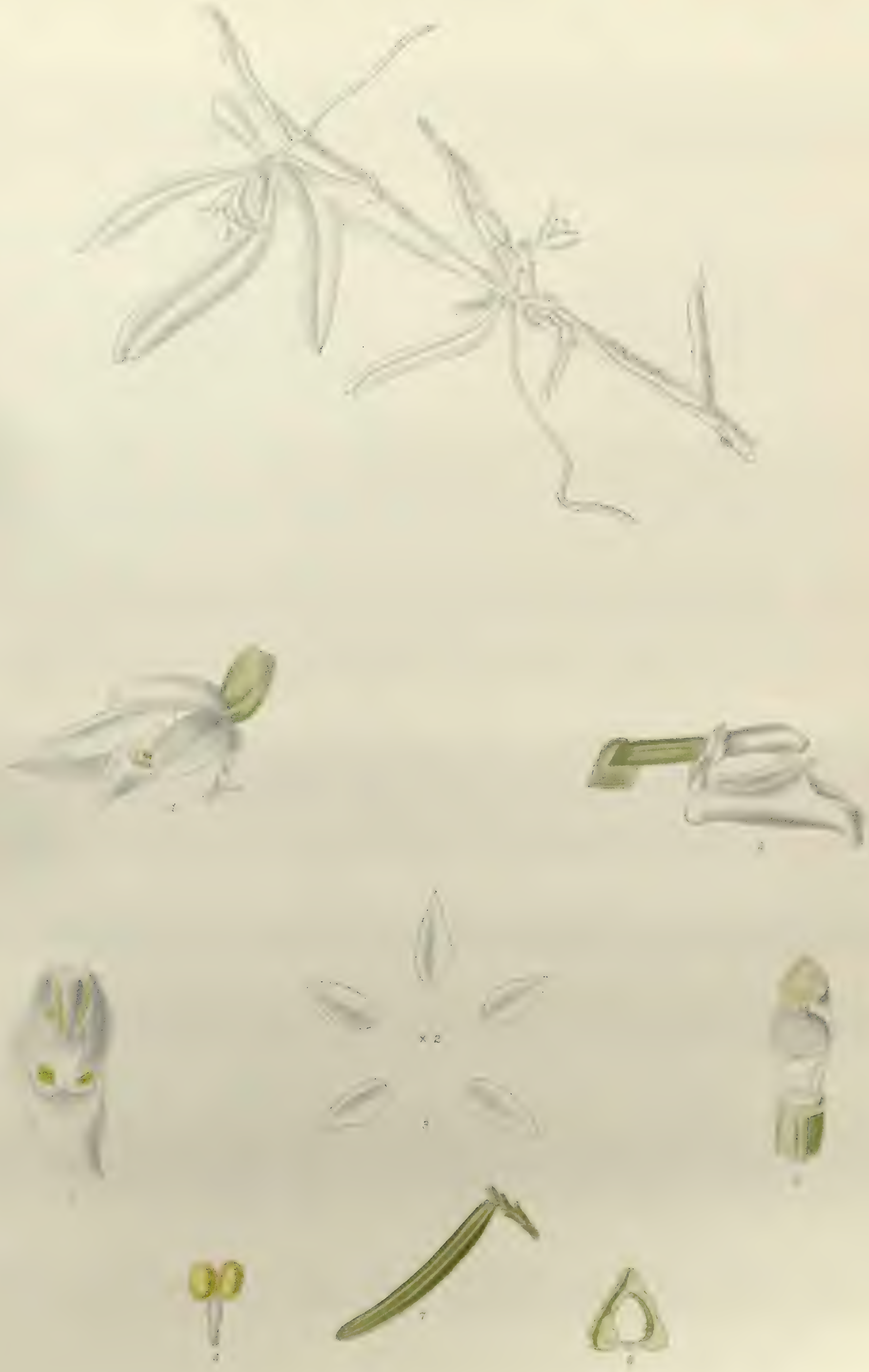
7

8

Drawn by R. Pantling

DORITIS TÆNIALIS, Benth.

Lith: by A. C. Singha.




Drawn by N. Sealing.

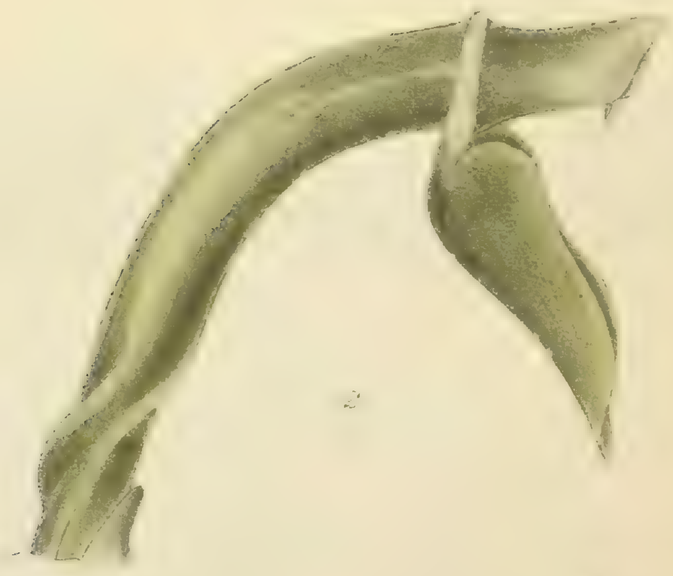
SARCOCHILUS BIMACULATUS, King & Pantling.
= DIDIMOPLEXIA BIMACULATA, K. & P.

Lith. by B. K. Roy.

Drawn by R. Pantling.

Lith. by Chitra Sujr. C.

ORNITHOCHILUS FUSCUS, Wall.



Drawn by R. Pantling.

LUISIA INDIVISA, King & Pantling.

Drawn by R. Pantling.

LUISIA TRICHORHIZA, Blume.

Lith. by P. & D. Dutton.

1

2

3

4

5

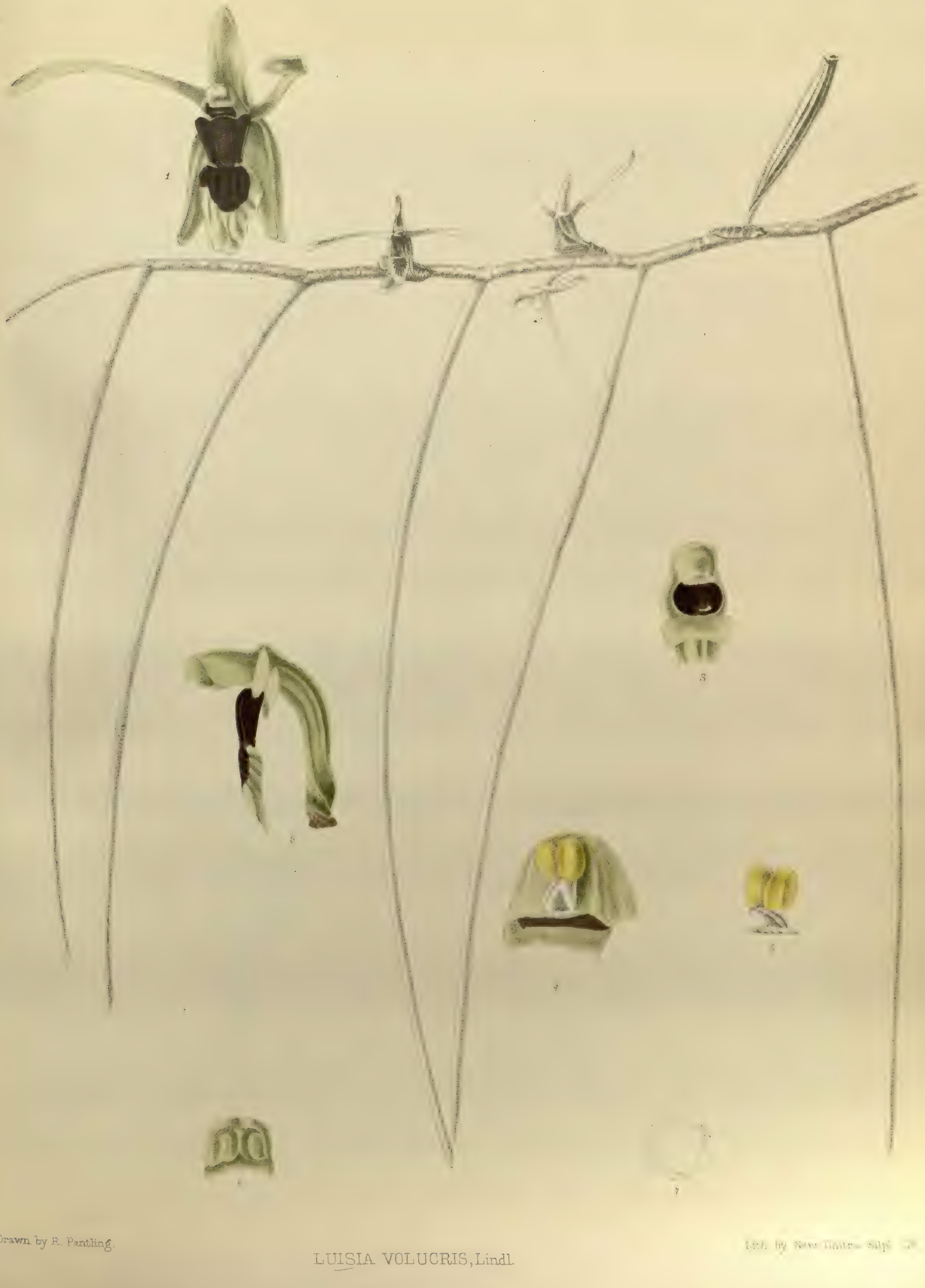
6

Drawn by R. Pantling.

LUISIA TERETIFOLIA, Gaud.

Lith. by P. M. Bruce.

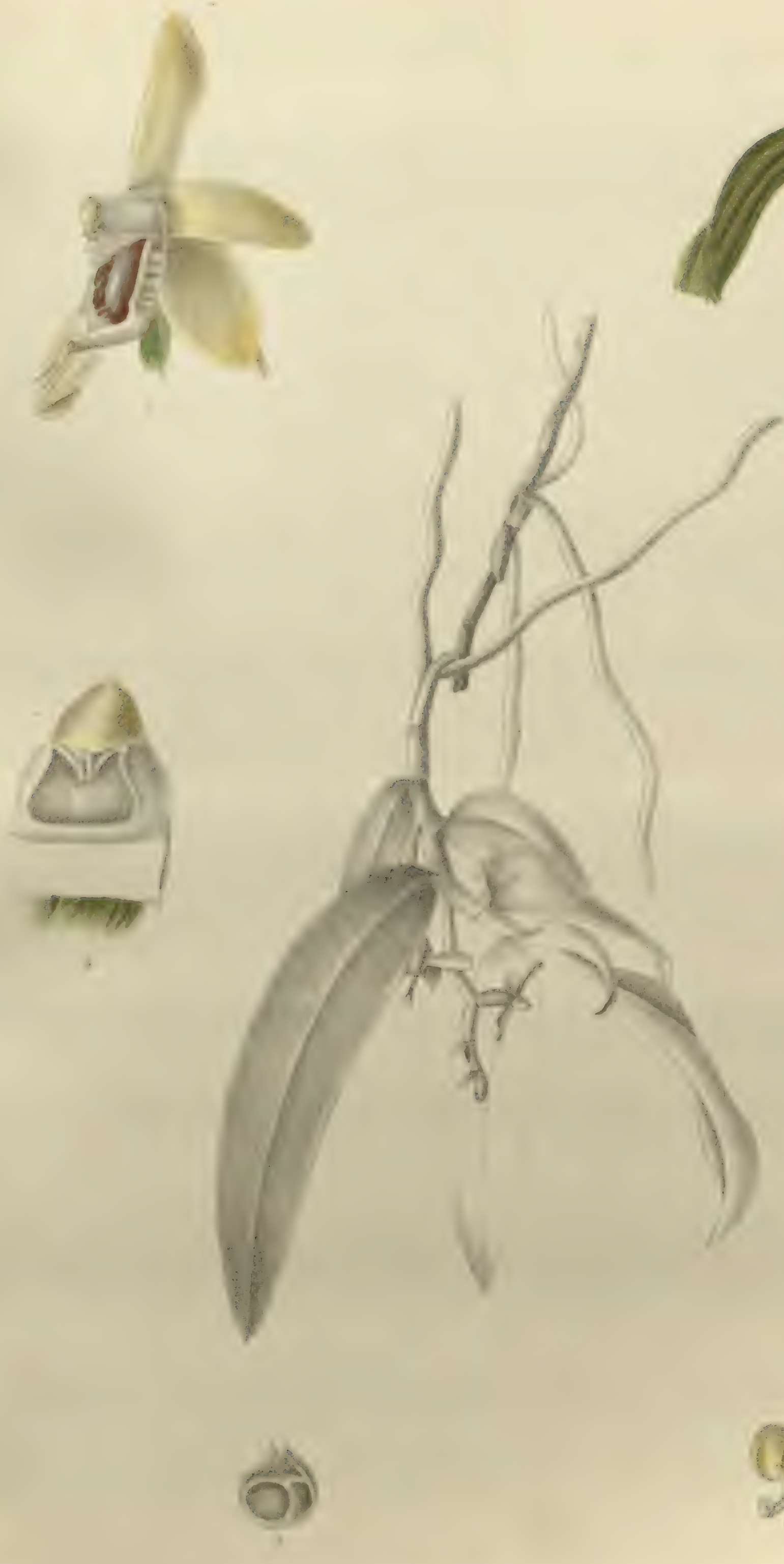
L. INCONSPICUA, Hook.fil.




Drawn by R. Pantling.

LUISIA VOLUCRIS, Lindl.

Lith. by Kew Lithtre. Sulp.



Drawn by S. Fasthing.
DIPLOPRORA CHAMPIONI, Hook fil.
Litho by New Times Press (P.)

Drawn by P. Panthng.

STAURÓPSIS UNDULATUS, Benth.

Lith. by A. C. Mukerjee.

SARCOCHILUS LUNIFERUS, Reichb. f.

1

2



3

4

5

6

Drawn by R. Pantling.

SARCOCHILUS PYGMÆUS, King & Pantling.

Lith: by A. C. Singha

Ann. Roy. Bot. Gardens, Calcutta Vol. V. TAB. CCXXXIII

Drawn by R. Panthing

Lith. by Dutton, Sligo & Co.

ARACHNANTHE CLARKEI, Rolfe.

ARACHNANTHE BILINGUIS, Benth.

Drawn by R. Fantling.

Lith. by Chitra Sikdi Calcutta, Feb. 1868.

Reproduced from the original in the Botanical Survey of India Herbarium, Howrah.

Drawn by R. Paintung

ÆRIDES LONGICORNU, Hook.fil.

Lith: by New Chitra Silpi Co.

Drawn by R. Parsons.

ÆRIDES ODORATUM, Lour.

ÆRIDES MULTIFLORUM. Roxb

Drawn by R. Fanthng.

MANDIRICYLIS RETUSA, Blume.

Lith: by Chitra Silpi Co

VANDA TERES, Lind.

R. Fanthing del. Lith. by A. C. Mukerjee

VANDA PARVIFLORA, Lindl

1

2

3



4



5



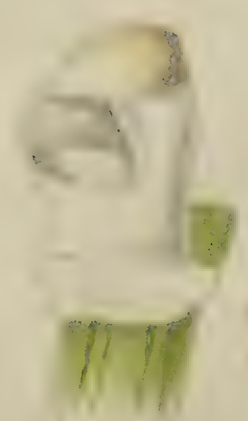
6

Drawn by R. Pantling.

VANDA CRISTATA, Lindl.

Lith. by P. N. Sinha.

VANDA PUMILA, Hook.fil.



Drawn by R. Pantling.

VANDA ALPINA, Lindl.

Lith. by T. M. Sinna.

Drawn by R. Pantling.

SACCOLABIUM PAPILLOSUM, Lindl.

Lith. by B. [illegible]

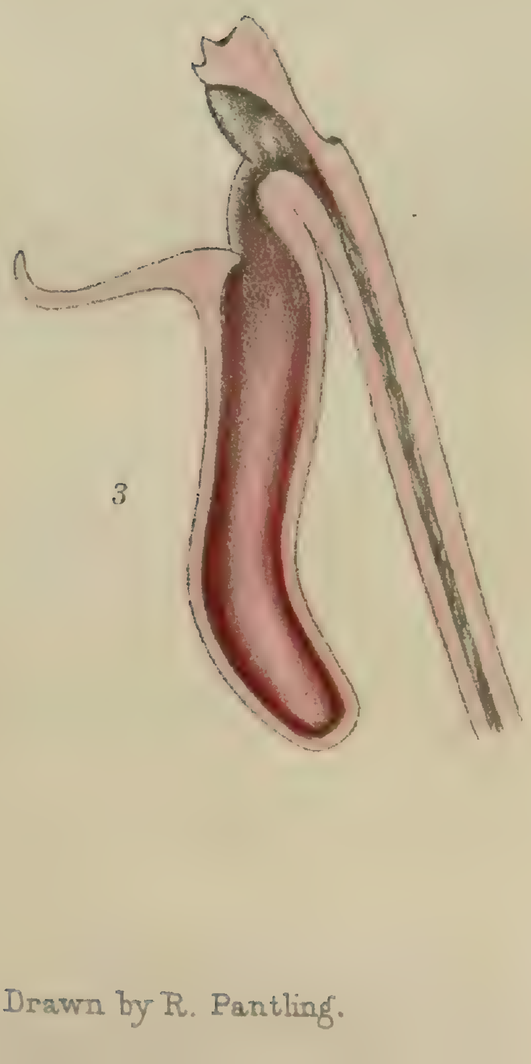
Drawn by R. Panting.

SACCOLABIUM OCHRACEUM, Lindl.

Lith. by A. C. Mukerjei.

1

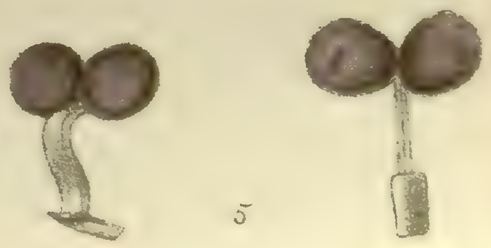
2



3



4

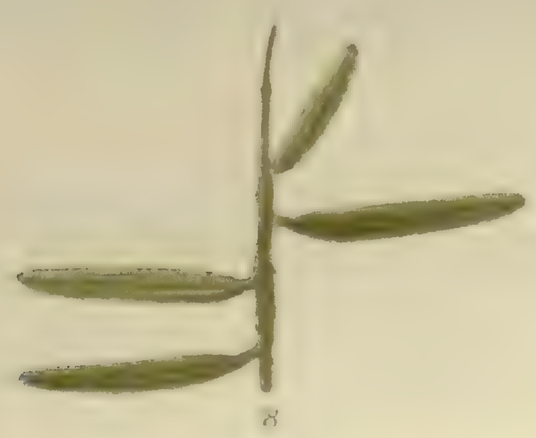


5

Drawn by R. Pantling.

SACCOLABIUM AMPULLACEUM, Lindl.

Lith by A. C. Singha.

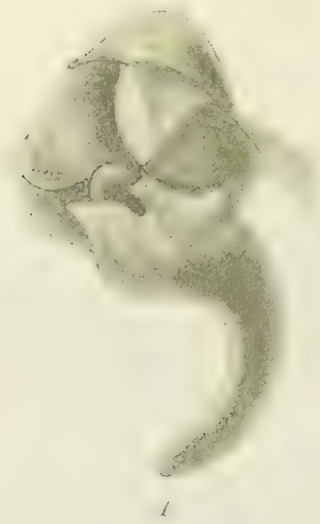


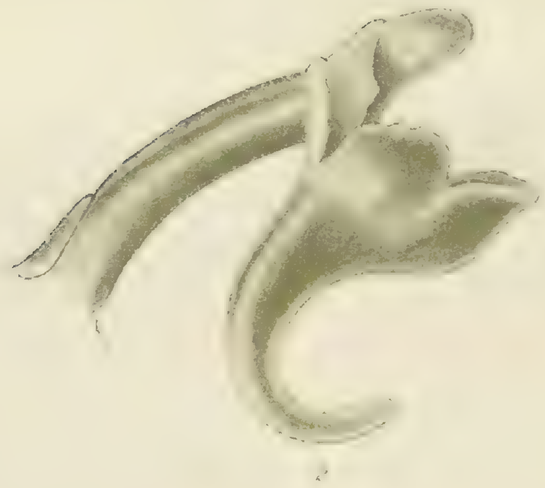
R. Pantling del.

SACCOLABIUM PUMILIO, Reichb. fil.

Litho by B.C. Mondal.

SACCOLABIUM OBTUSIFOLIUM, Hook.f.

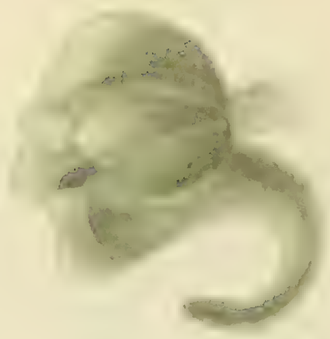


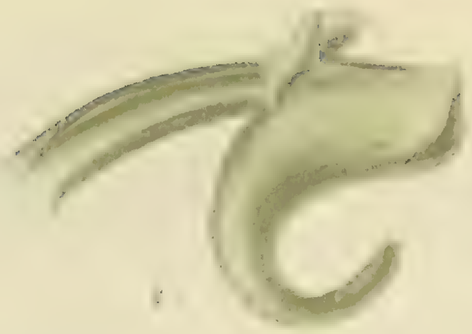


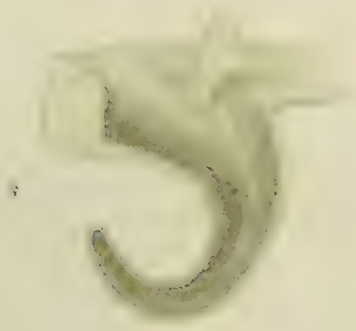
Drawn by H. Perrling.

SACCOLABIUM ACUMINATUM, Hook. fil.

Lith. Ann. Roy. Bot. Garden, Calcutta.

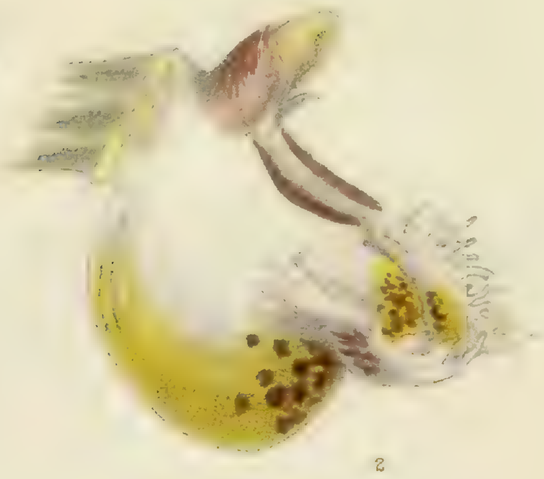


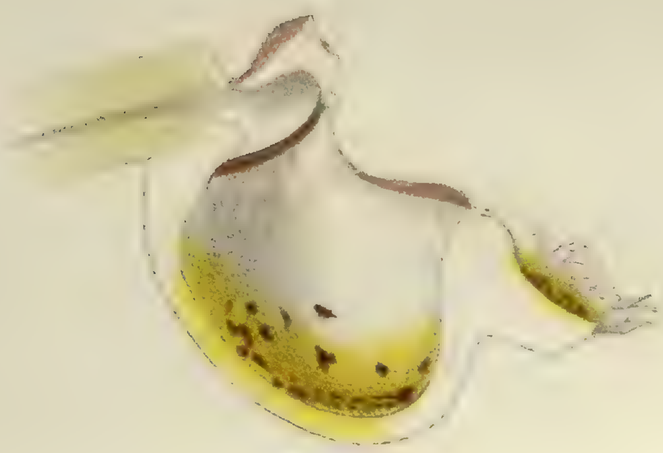




SACCOLABIUM LANCIFOLIUM, King & Panthng.

SACCOLABIUM BUCCOSUM. Reichb. fil.





Drawn by R. Pantling.

SACCOLABIUM DASYPOGON. Lindl.

Lith. by Chitra Silpi

1

2

3

4

5

6

SACCOLABIUM CALCEOLARE, Lindl.

SACCOLABIUM ACUTIFOLIUM Lindl.

Drawn by R. Pantling.

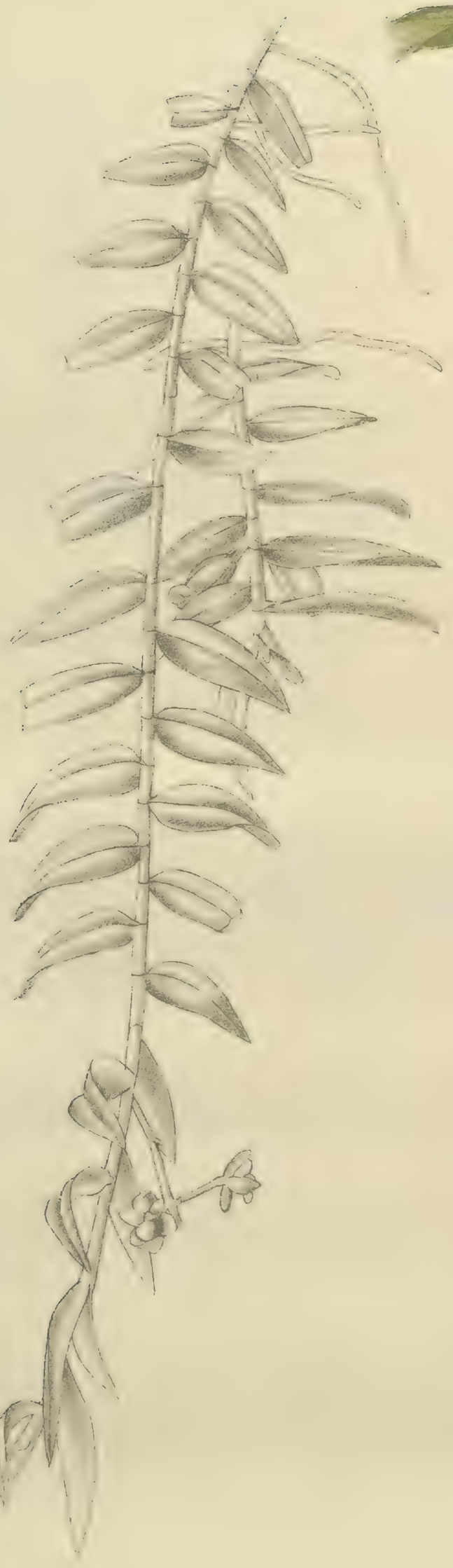
SACCOLABIUM DISTICHUM, Lindl.

1

2



3





4

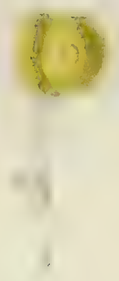
5

6

Drawn by R. Pantling.

SACCOLABIUM AFFINE, King & Pantling.

Litho by [illegible]



Drawn by R. Pantling.

SACCOLABIUM TRICHROMUM, Reichb. fil.

CLEISOSTOMA BREVIPES, Hook.fil

Drawn by R. Pantling.

CLEISOSTOMA ARMIGERA, King & Pantling.

1

2



3



4



5

6



7



8

Drawn by R. Pantling.

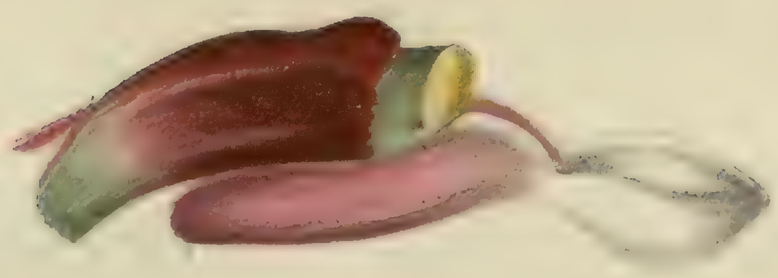
CLEISOSTOMA WENDLANDORUM, Reichb. fil.

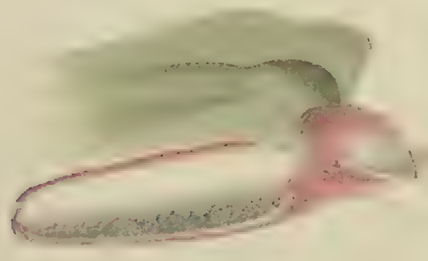
Lith. by K. P. Dass.

SARCANTHUS BAMBUSARUM, King & Pant.

CLEISOSTOMA SPICATUM, Lindl.

SACCOLABIUM MICRANTHUM, Lindl.
= CLEISOSTOMA MICRANTHUM, K. & P.





Drawn by R. Fanthing

SACCOLABIUM GEMMATUM, Lindl
= CLEISOSTOMA GEMMATUM, K. & P.

STEREOCHILUS BICUSPIDATUS, King & Pant.

Ann. Roy. Bot. Gard. Calcutta, Vol. 8, PLATE 315.

Drawn by R. Pantling.

STEREOCHILUS HIRTUS, Lindl.

Lith. by A. & G. Mackenzie.

Ann. Roy. Bot. Gardens Calcutta, Vol. 8.

CAMAROTIS MANNII, King & Pantling.

Ann. Roy. Bot. Gard. Calcutta, Vol. 8 PLATE 318.

Drawn by R. Pantling.

SARCANTHUS APPENDICULATUS, Hook. fil.

Lith. by A. C. Maker

Drawn by R Panthng

SARCANTHUS FILIFORMIS. Lindl

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 320.

Drawn by R. Pantling.

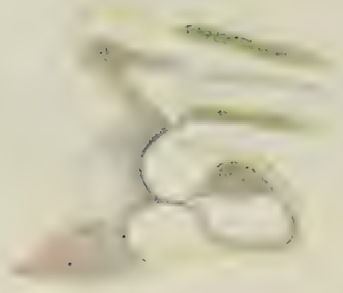
Lith: by Ch[illegible]

SARCANTHUS PALLIDUS, Lindl.

1



2



3



4



5

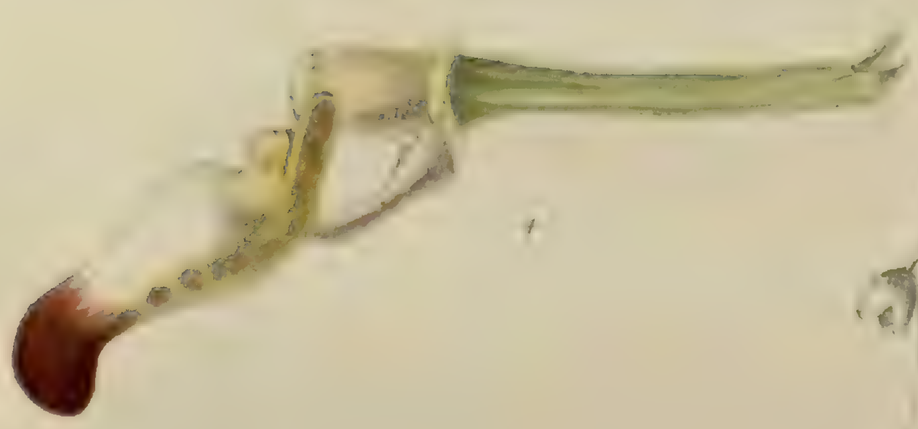
SARCANTHUS SECUNDUS, Griff.

SARCOCHILUS ARACHNITES, Reichb. f.

= DENDROCOLLA ARACHNITES, Blume.

2

3



5



6



7

Drawn by R Pantling.

SARCOCHILUS [illegible], Hook fil

[illegible] STRIATULUM, Lindl

Drawn by R Pantling.

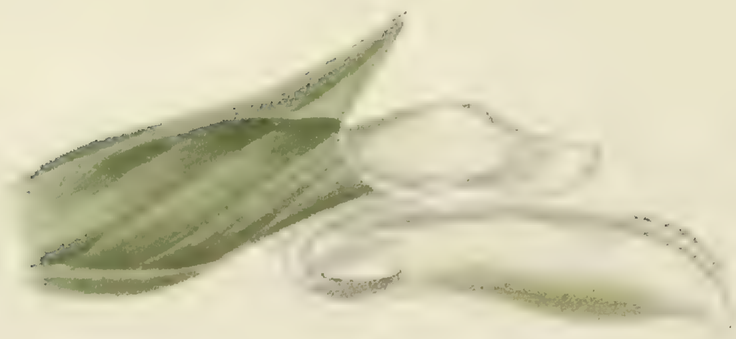
SARCOCHILUS RETRO-SPICULATUS, King & Pantling.
= TAENIOPHYLLUM RETROSPICULATUM.

Drawn by R. Pentland

= TAENIOPHYLLUM CREPIDIFORME, R.S.P.

PODOCHILUS CULTRATUS. Lindl

1



2

Drawn by K. Chandra

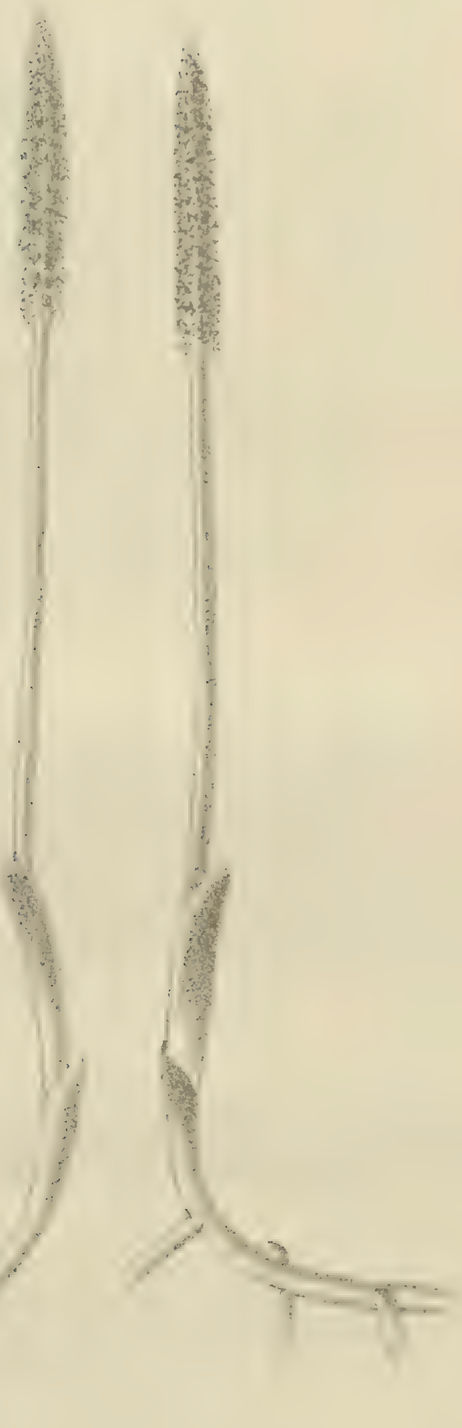
PODOCHILUS KHASIANUS, Hook.fil.

Lith. by K. D. Chandra

1

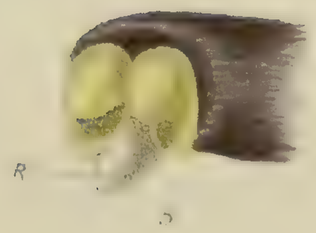
2

3





4



5

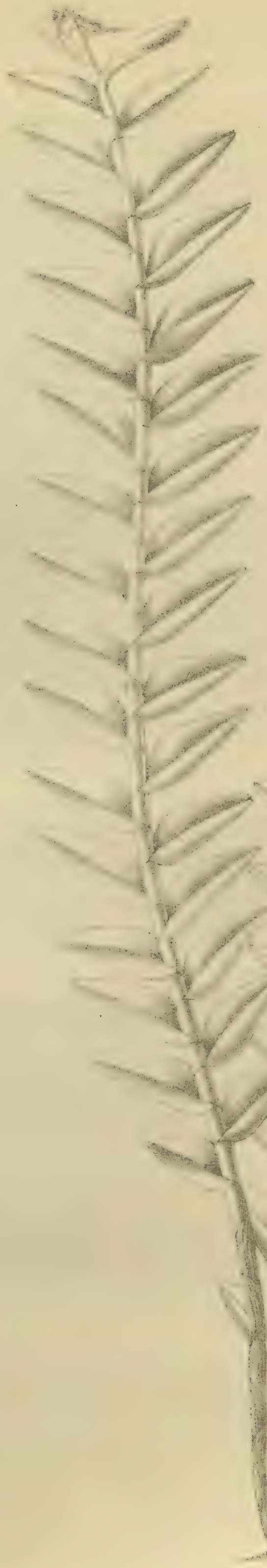
6

Drawn by K. Parkes.

EUSLEYA ATROPURPUREA. King & Pantling.

Drawn by R. Pantling.

CERATOSTYLIS TERES, Reichb. fil.

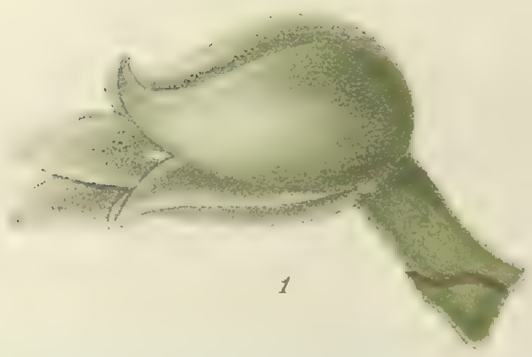


Drawn by R. Pantling.

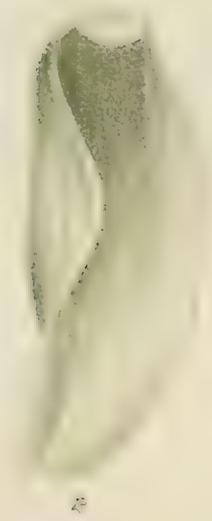
APPENDICULA BIFARIA, Lindl.

Lith: by A. C. Singha.

Ann. Roy. Bot. Garde[illegible] Calcutta, V[illegible] 8, P[illegible] [illegible]2.



1



2

3

4



5

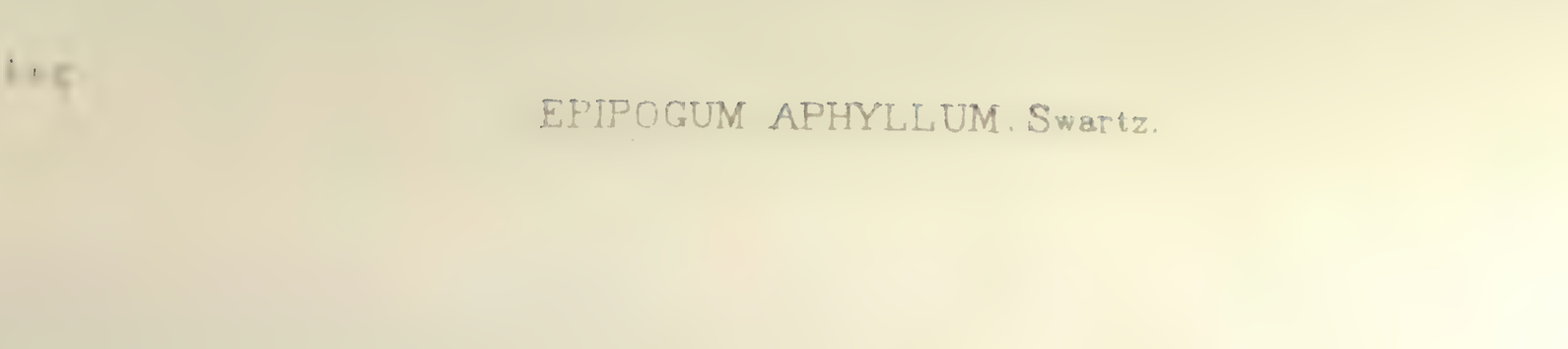
Drawn by R. Pantling.

THELASIS LONGIFOLIA, Hook fil.

Lith. by A. G. Sr[illegible]

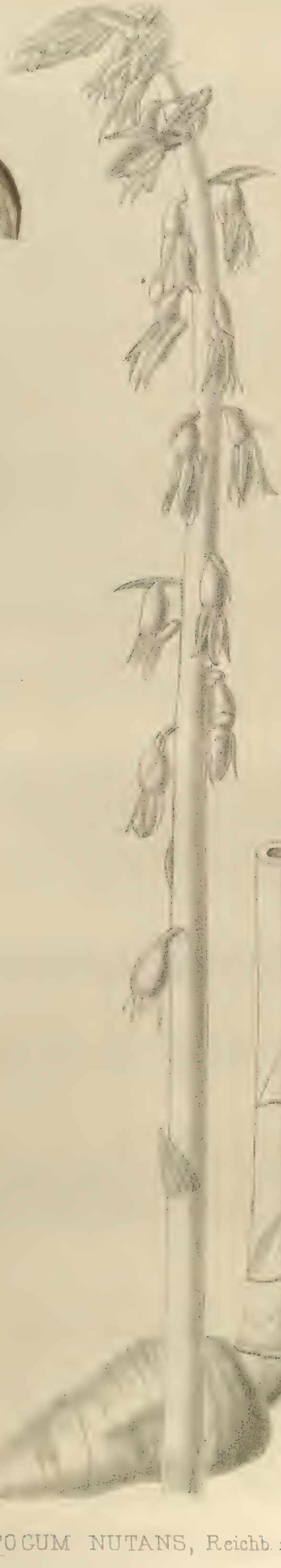
Drawn by R. Parthing

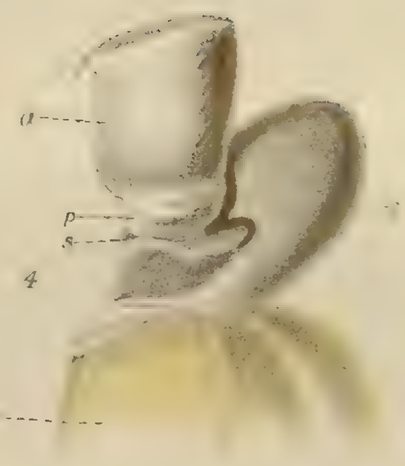
THREATIA





EPIPOGUM APHYLLUM. Swartz.





Drawn by R. Pantling.

EPIPOGUM NUTANS, Reichb. fil.

Lith. by B. K. F[illegible]

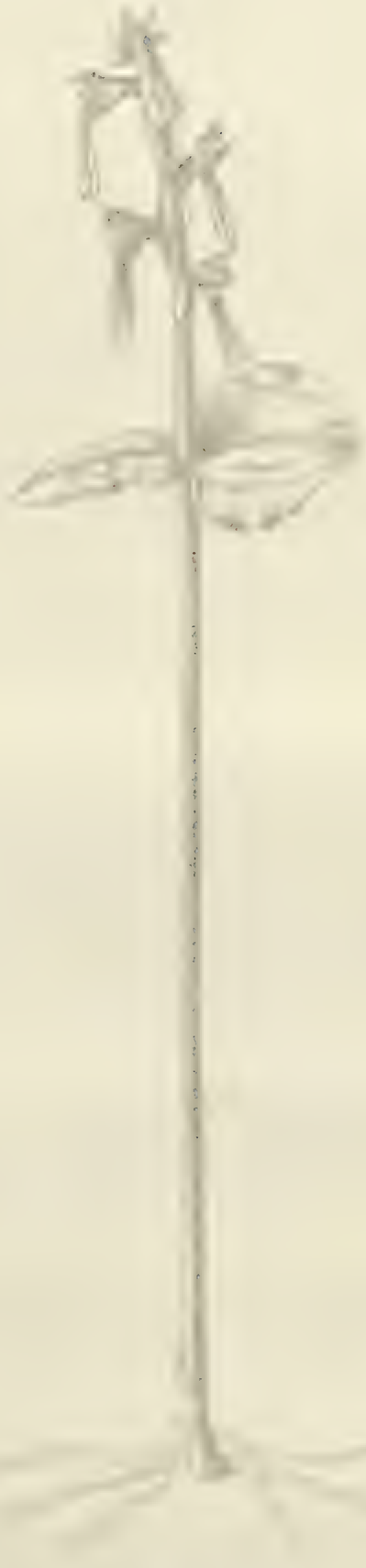
Drawn by R. Pantling.

MCRAE DEL. et LITH.

Drawn by R. Pantling.

LISTERA TENUIS, Lindl.

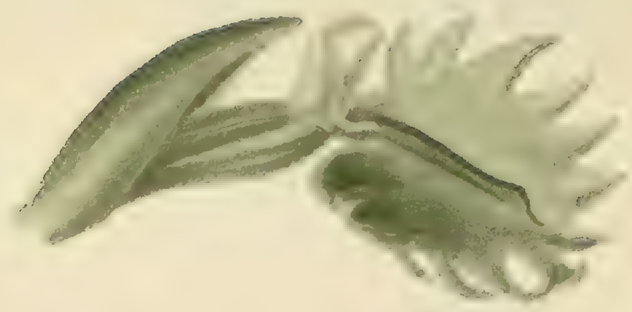
Lith. by A. C. Simpson.



LITH. by LONGCAULIS, King St Printing

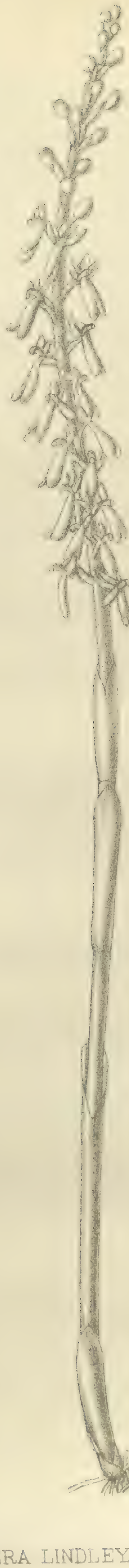
Drawn by R. Pantling.

LISTERA BREVICAULIS, King & Pantling



LISTERA DENTATA, King & Pantling

1



2



3

4

Drawn by R. Pantling.

LISTERA LINDLEYANA, King & Pantling.

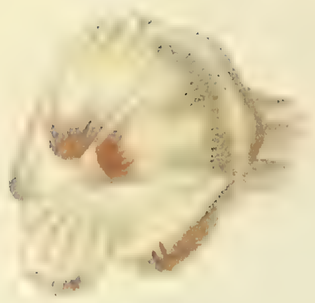
Litho by A. D. Watts.

PANTLINGIA PARADOXA, Prain

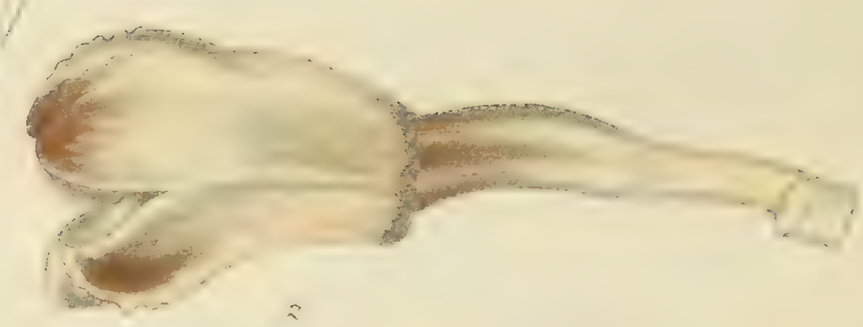
Ann Roy. Bot. Garden, Calcutta. Vol. 8,

GASTRODIA DYERIANA, King & Pantling.

Ann. Roy. Bot. Garden, Calcutta, Vol. 6, [illegible] 1896.



1

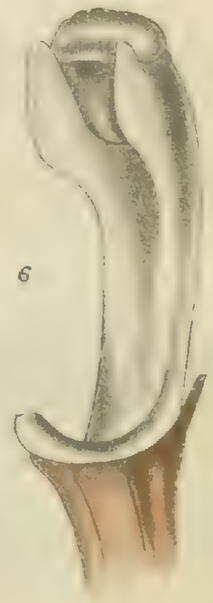


2

3

4

5



6

7



8

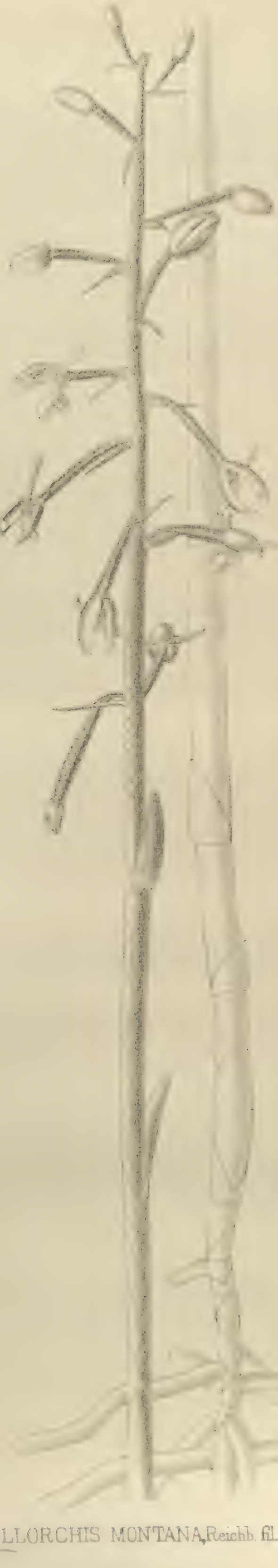
9

Drawn by P. Pantling.

DIDYMOPLEXIS PALLENS, Griff.

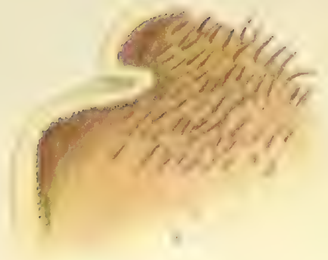
Lith. by B. K. Roy.

APHYLLORCHIS ALPINA, King & Pantling.

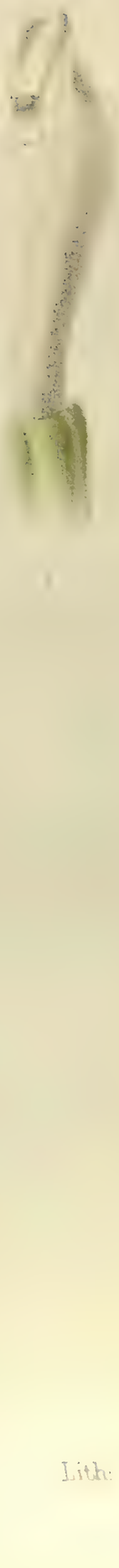


APHYLLORCHIS MONTANA, Reichb. fil.

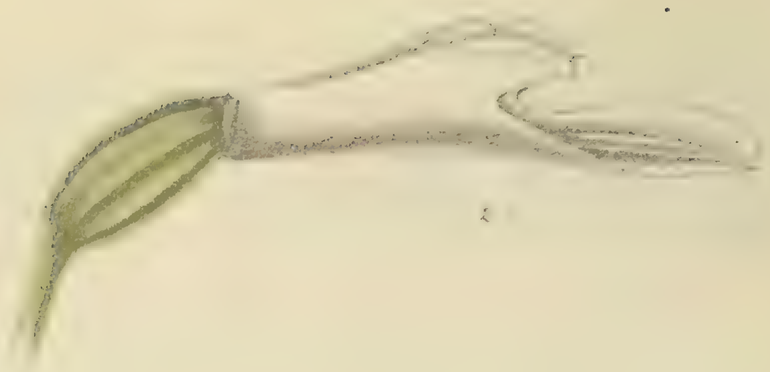
GALEOLA LINDLEYANA. Reichb. fil



CÔELOGYNE VERATRIFOLIA, Reichb. fil.



POGONIA MACROGLOSSA, Hook. fil



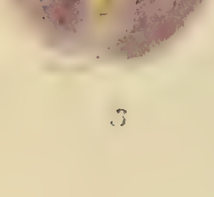
POGONIA FALCATA, King & Pantling.

1

2

3

4



5

6

Drawn by R. Pantling.

POGONIA PLICATA, Lindl.

Lith: by New Chitra Silpi Cº

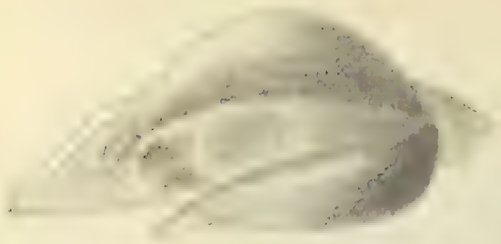
POGONIA GAMMIEANA, Hook.fil.

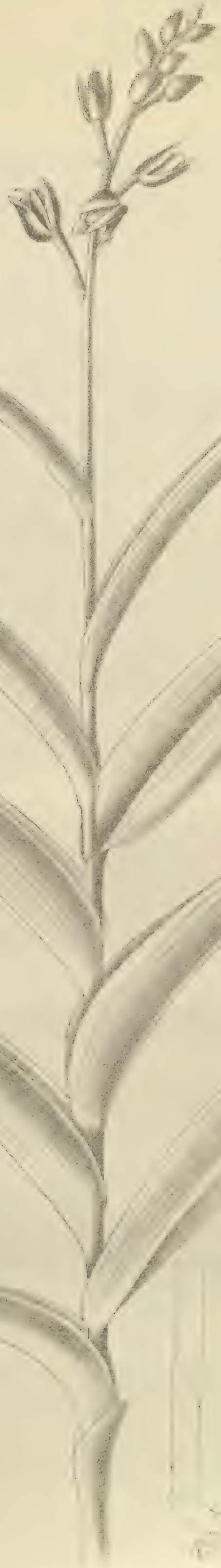
Drawn by R. Pantling.

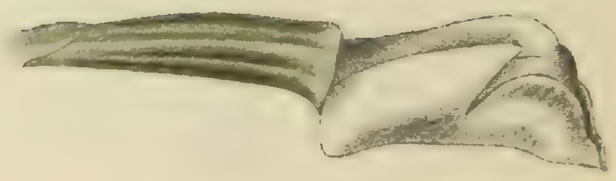
Lith. by B. K. Roy.

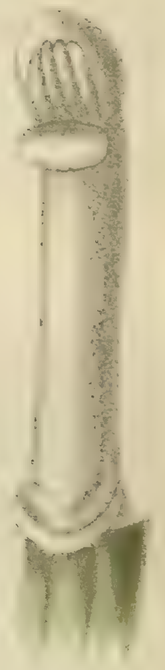
POGONIA SCOTTII, Reichb. fil.

CURCULIGO HIMALAICA Hook. f. Thoms.





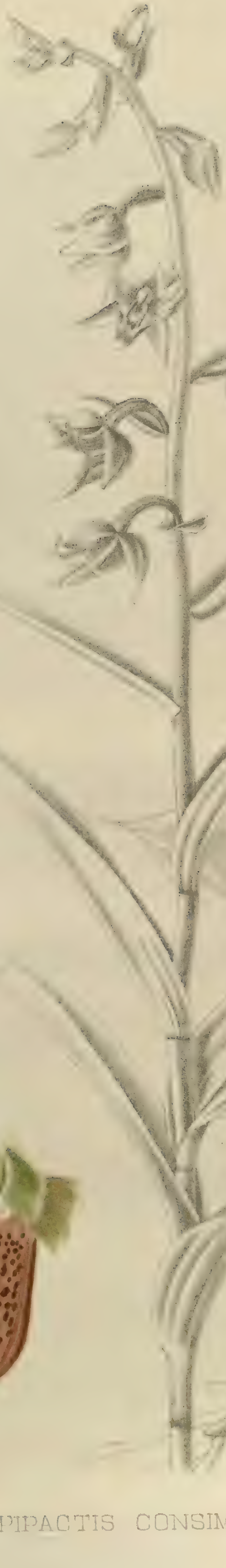


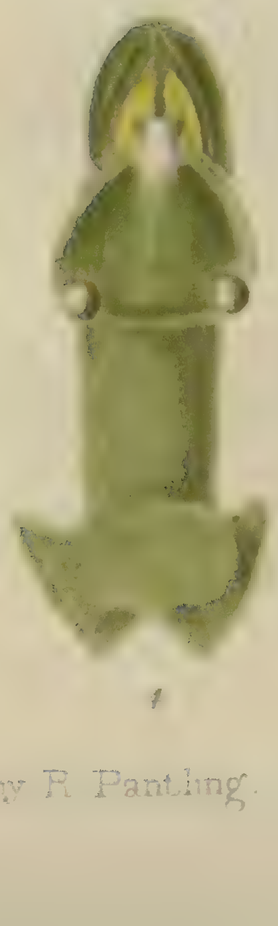


Drawn by P. Prodhan.

CEPHALANTHERA ENSIFOLIA, Rich.

Mollo.





Drawn by R. Pantling.

EPIPACTIS CONSIMILIS, Wall

Lith. by Govt. Print. Off.

TROPIDIA ANGULOSA, Blume.

Drawn by R. Pantling.

TROPIDIA CURCULIGOIDES, Lindl.

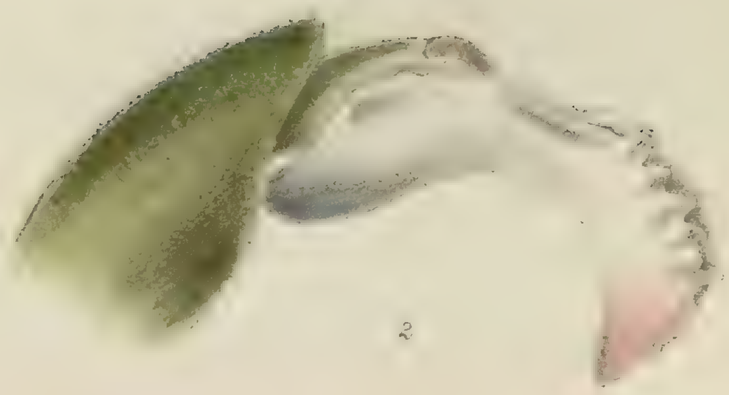
Dehra Dun: A. C. Ghosh, Superintendent, Survey Printing.

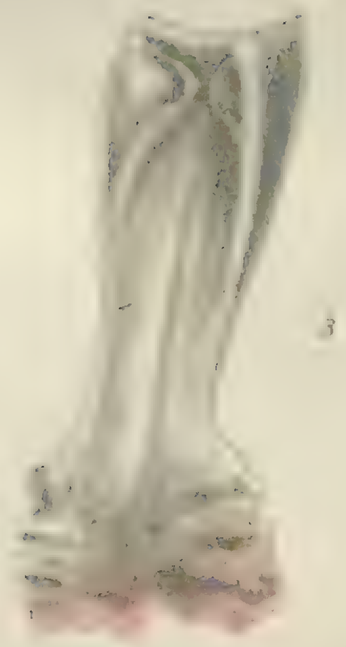
HERPYSMA LONGICAULIS, L.

Sikkim-Himalaya.

Drawn by R. Pantling.

PHYSURUS HERPYSMOIDES, King & Pantling.





SPIRANTHES AUSTRALIS, Lindl.

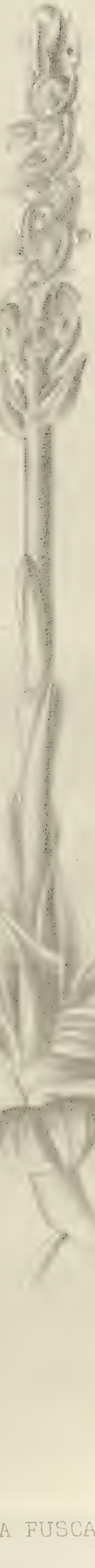
Drawn by R. Panting.

Lith. by B. K. Roy.

Drawn by R. Pantling.

GOODYERA REPENS, Brown.

Lith: by S. C. Mondul.



Drawn by R. Pantling.

GOODYERA FUSCA, Lindl.

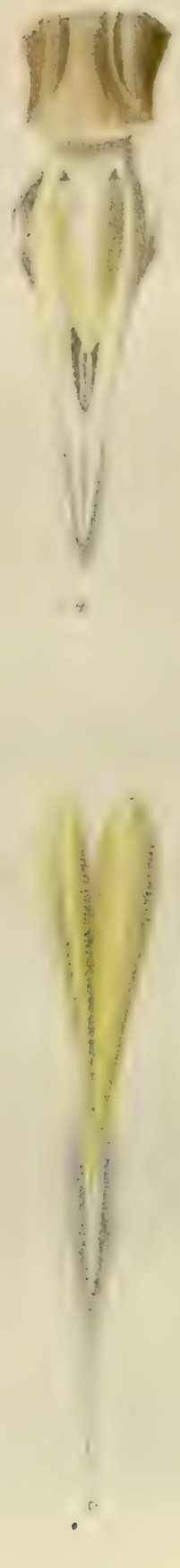
Calcutta, Vol

Drawn by A. Pantling.

1

2

3



4

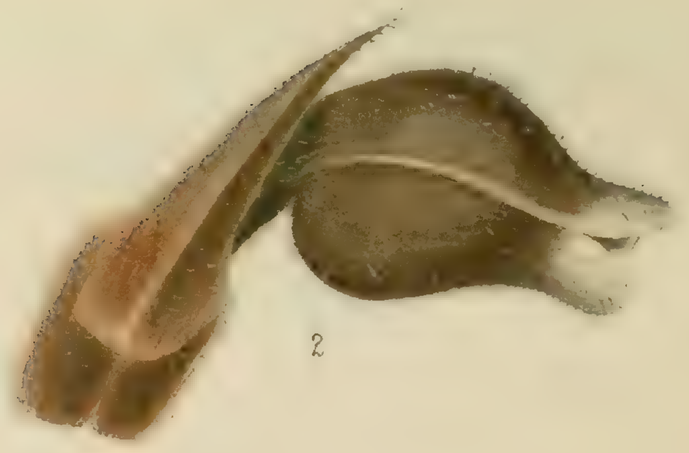
5

Drawn by R. Pantling.

GOODYERA HEMSLEYANA. King & Pantling.

Lith. by Thomas Sims & Co.

GOODYERA FOLIOSA, Benth.



2

4

6

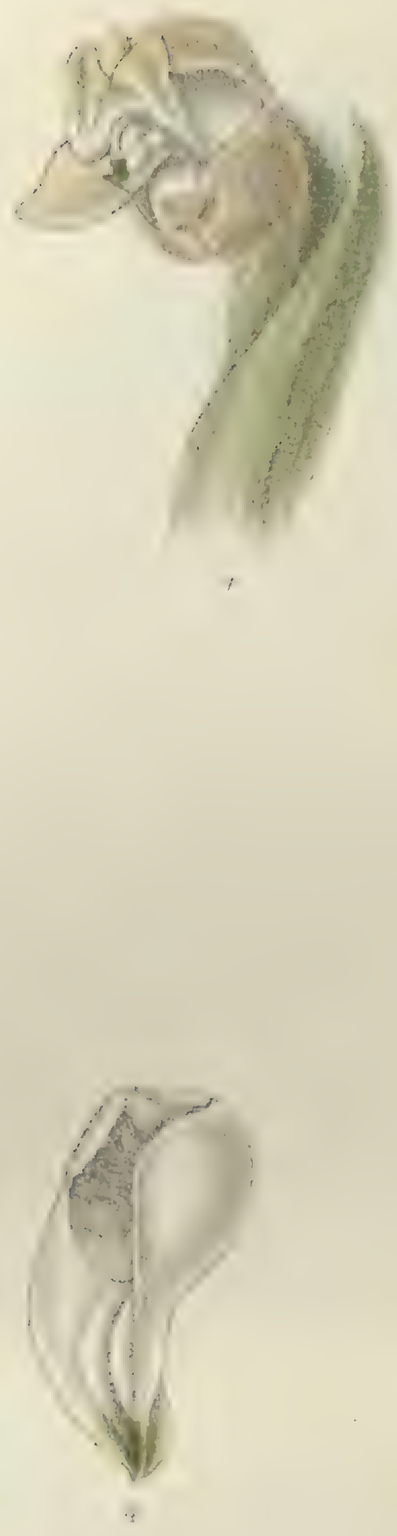
Drawn by R. Pantling

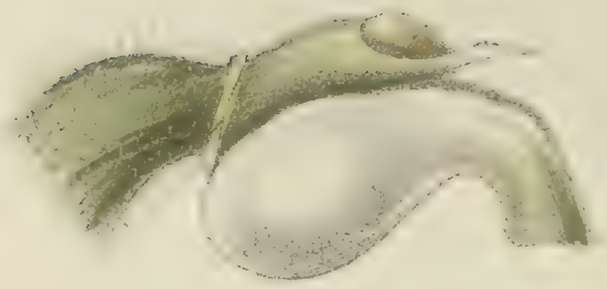
ODONTIODA HISPIDA, Lindl.

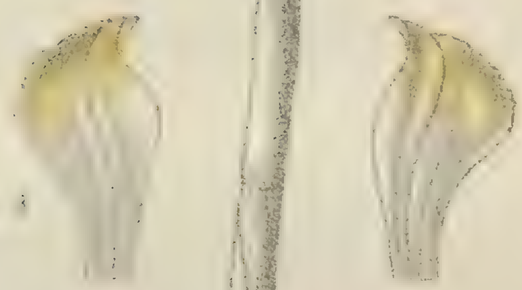
8

Lith. & J. A. Thomson

Ann. Roy. Bot. Garden, Calcutta, Vol. 8. PLATE 376.



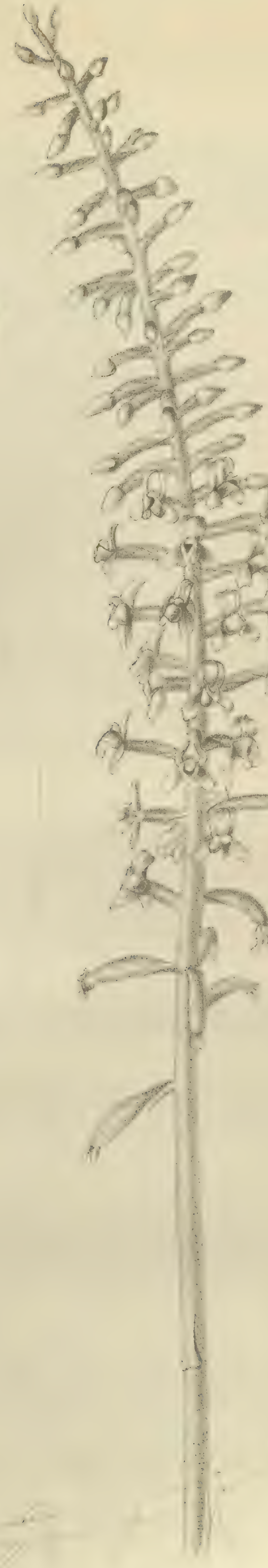




Drawn by R. Pantling.

GOODYERA SECUNDIFLORA, Gri[illegible]

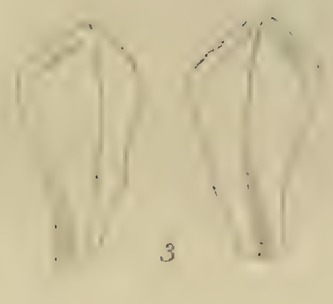
[illegible] by A. T. Gaglia.



Drawn by R Panthng.

GOODYERA FUMATA, Thwaites.

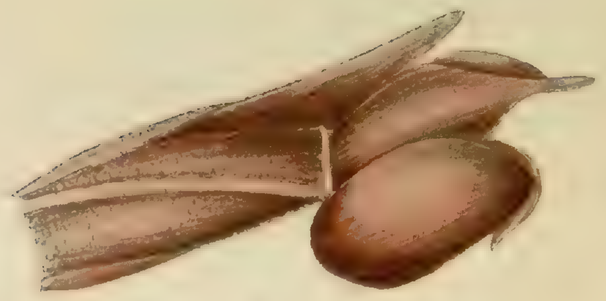
Lith: by Chitra Silpi Cº



GOODYERA PROCERA, Hook.

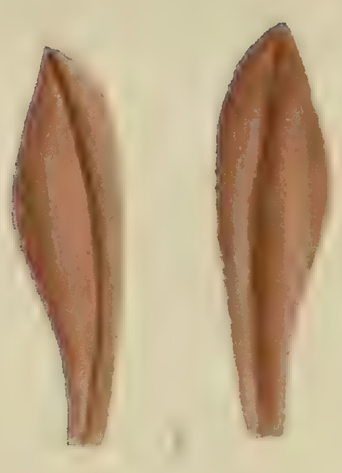
Drawn by B. Pramanick.

Chandra.



2

1



3

6

7

Drawn by R. Pantling.

GOODYERA GRANDIS, King & Pantling.

Lith. by R. P. Brown

1

2

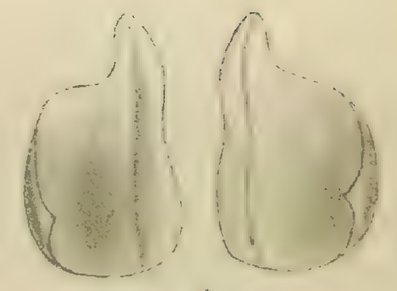
3

1

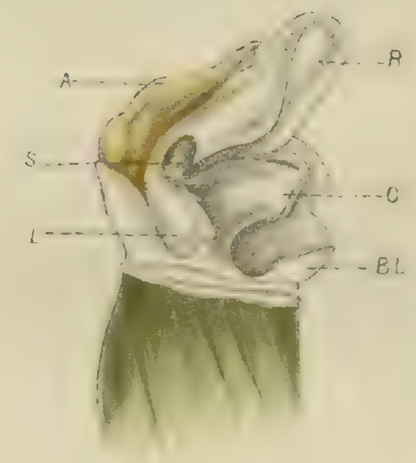
2

1

2

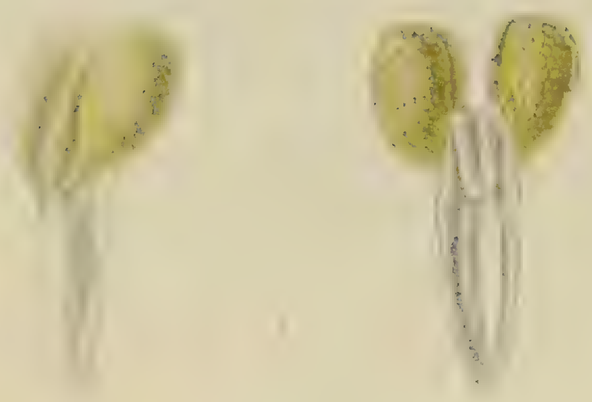


4



6

5

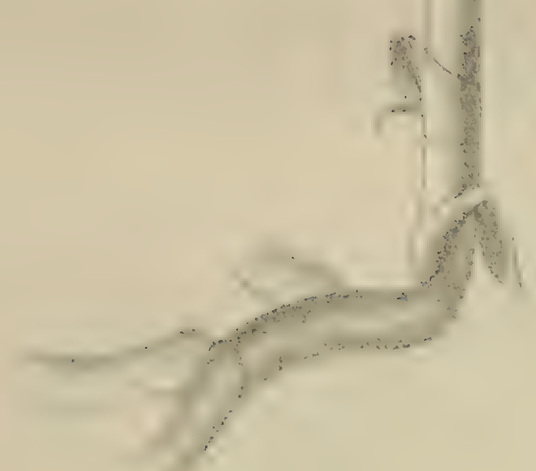


3

Drawn by R. Pantling.

ZEUXINE NERVOSA, Benth.

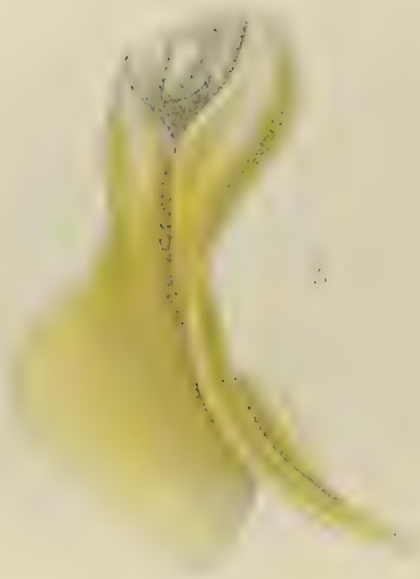
Lith. by A.C. Mukerjei.



R. Fantling del.

ZEUXINE FLAVA. Benth

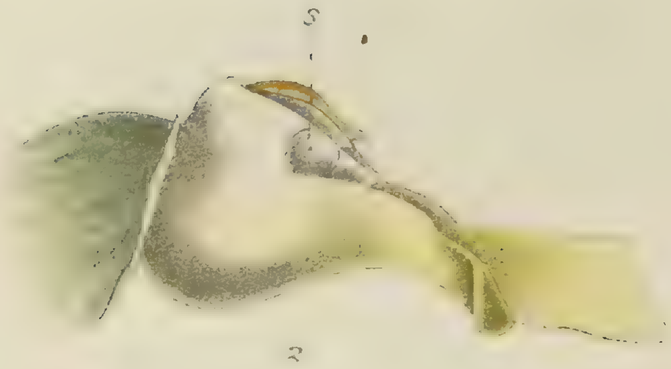
L. Reeve & Co.



Drawn by R. Pantling.

ZEUXINE AFFINIS, Benth.

Lith. by D. N. Chowdhury.



Drawn by R. Pantling.

ZEUXINE REFLEXA, King & Pantling.

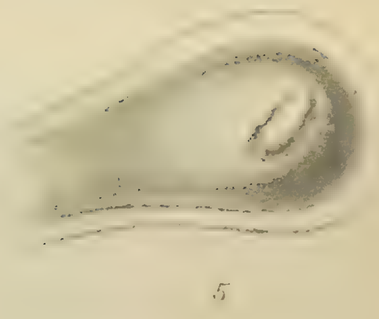
Litho by R. Pantling.

1

2

3

4



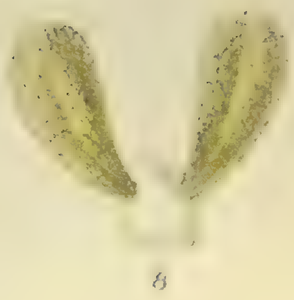
5




6



7



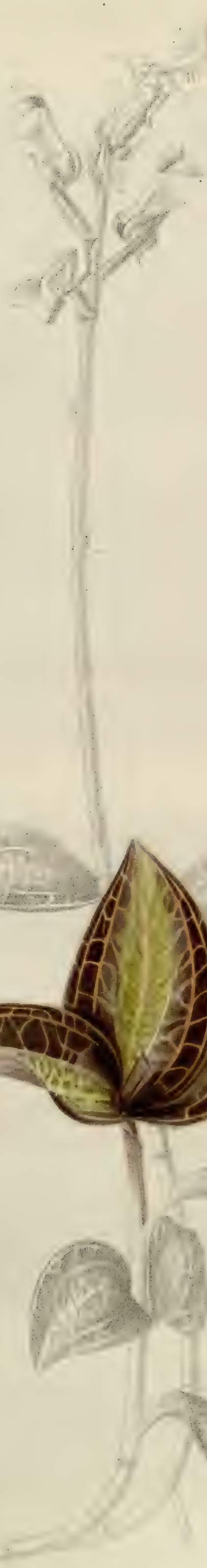
8

Drawn by R. Pantling.

Lith: by A. D. Molla.

ODONTOCHILUS PUMILUS, Hook.fil.

= ZEUXINE PUMILA, K.&P.



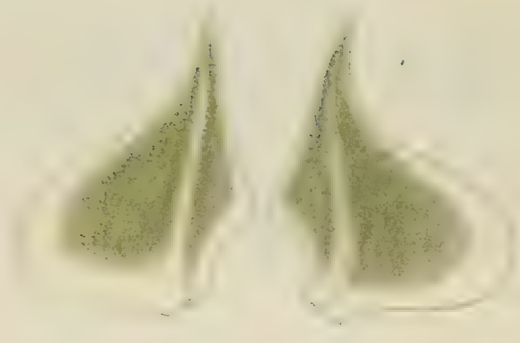
Drawn by R. Pantling.

ANŒCTOCHILUS ROXBURGHII, Lind

Lith. by Cosmos Indra Da

Drawn by R. Pantling.

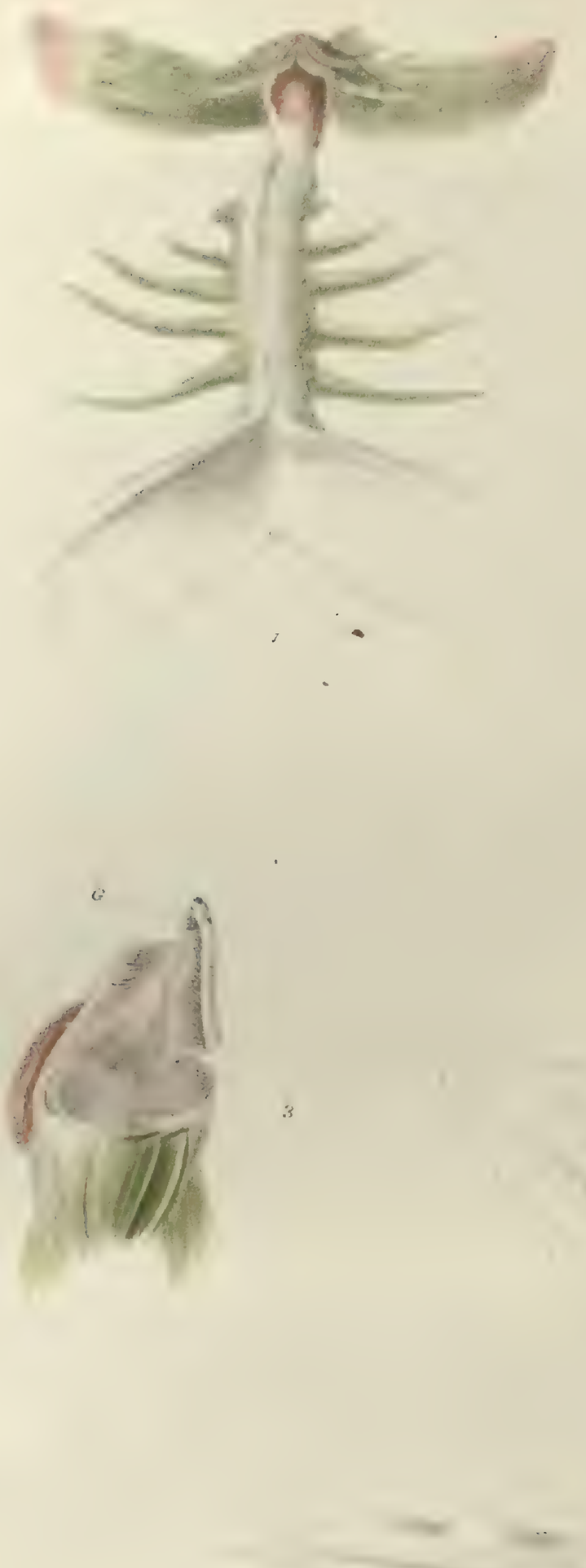
ANŒCTOCHILUS SIKKIMENSIS, King & Pantling.



Drawn by H. Andrews.

ODONTOCHILUS LANCEOLATUS, Benth.

= ANOECTOCHILUS LANCEOLATUS, Lindl.



Drawn by R. Panthng.

Lith. by Chitra Silpi Cº

ODONTOCHILUS GRANDIFLORUS, Benth.

= ANOECTOCHILUS GRANDIFLORUS, Lindl.

Drawn by R. Pantling

Lith. by Thura Sign. Co

ODONTOCHILUS ELWESII. Clarke

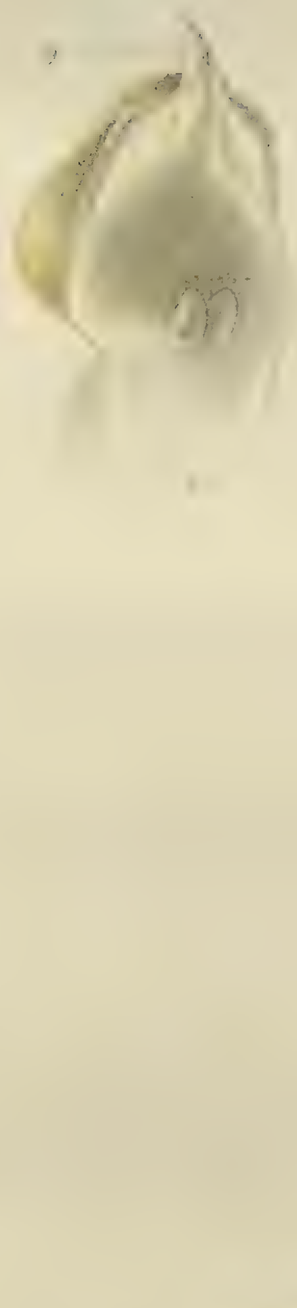
= ANOECTOCHILUS ELWESII. K. & P.

Drawn by R. Pantling.

ODONTOCHILUS CRISPUS, Hook. fil.
ANOECTOCHILUS CRISPUS, Lindl.

Lith: by Chitra Silpi Cª

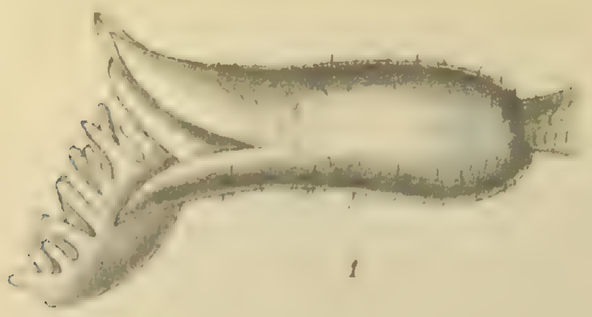
Ann. Roy. Bot. Gardens, Calcutta, Vol. 8, [illegible]



Drawn by R. Fantling.

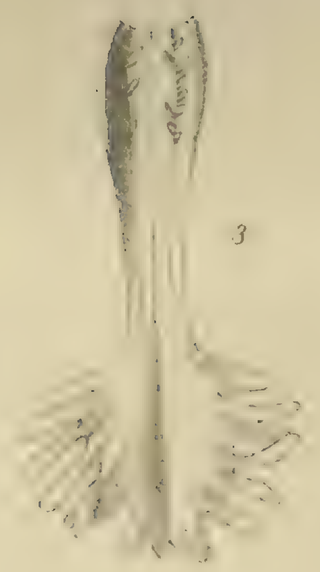
ODONTOCHILUS TORTUS, King & Pan.
= ANOECTOCHILUS TORTUS, K. & P.

Lith: by A. D. Molla.

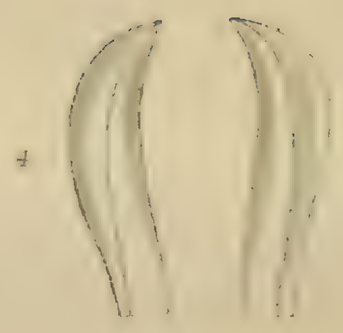


1

2

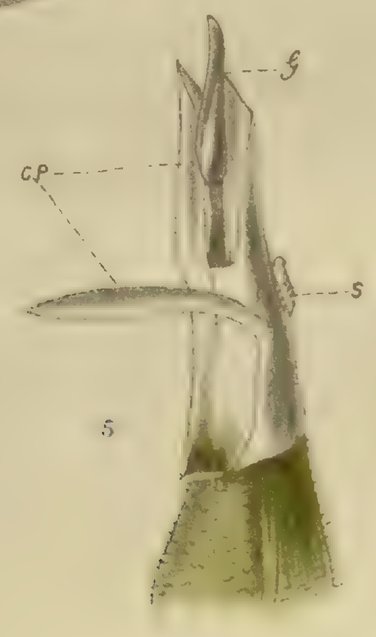


3



4

6



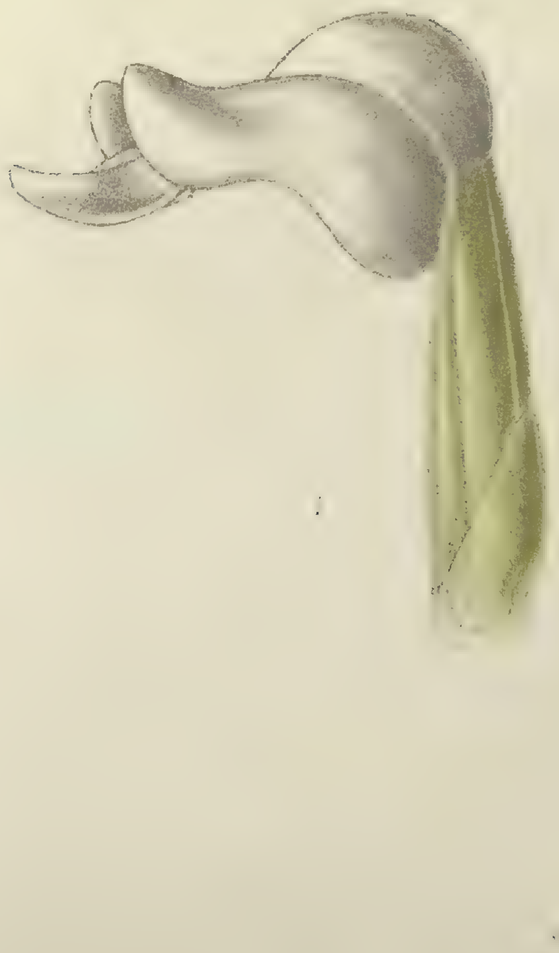

5

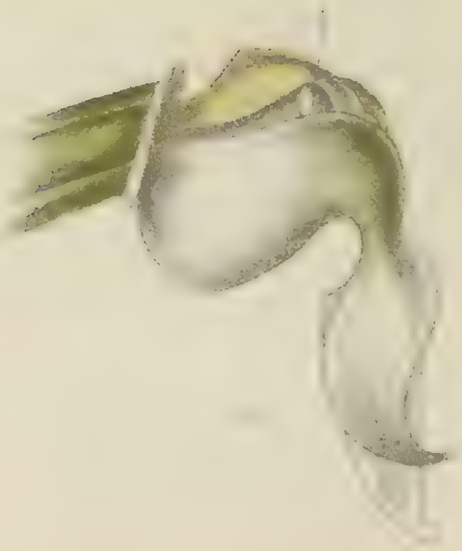
7

Drawn by R.Pantling.

CHEIROSTYLIS GRIFFITHII, Lindl.

Lith: by B. K. Roy.





Drawn by S. Pantling.

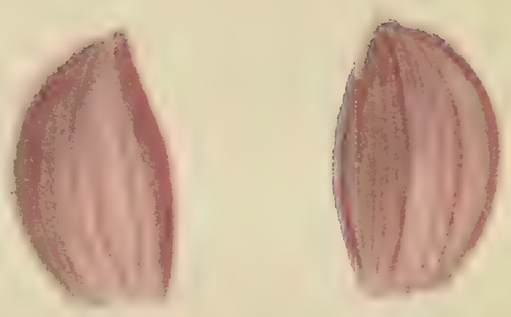
CHEIROSTYLIS FRANCHETIANA, King & Pantling.
= ZEUXINE FRANCHETIANA, K. & P.

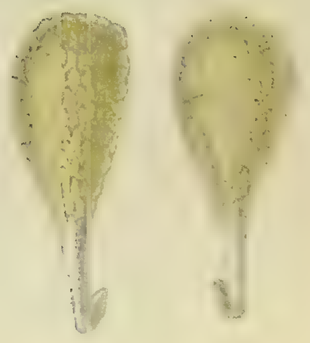
Lith. by A. C. Mukerjei.

Drawn by R. Panthing.

Lith: by Chitra Silpi Cº

HETÆRIA RUBENS, Benth.





Drawn by R. Fenching

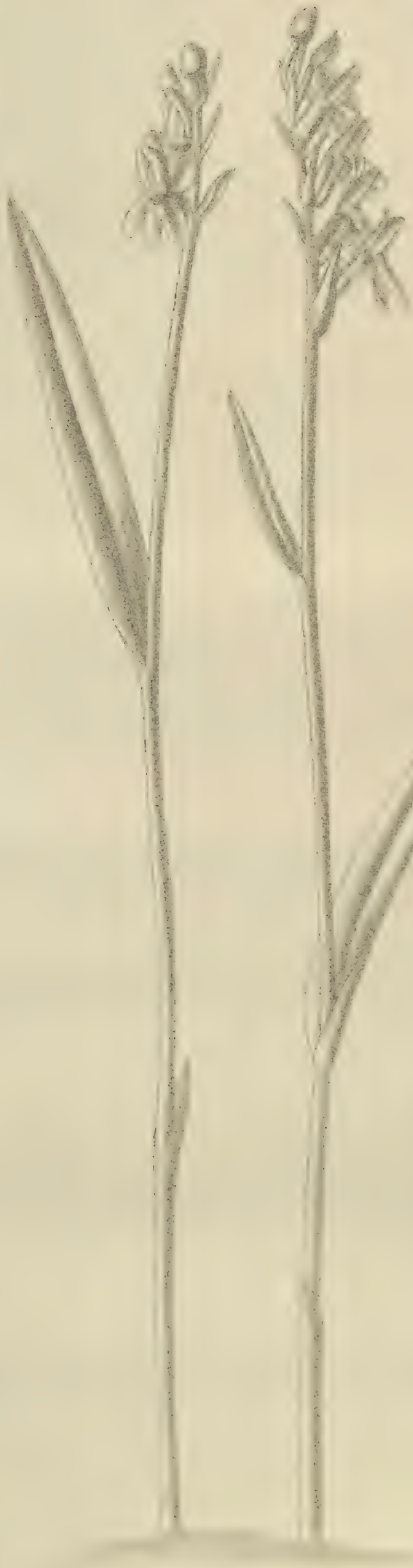
ORCHIS SPATHULATA

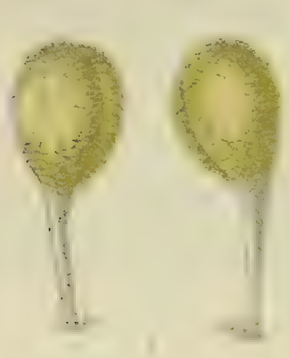
Ann. Roy. Bot. Garden. Calcutta, Vol. I PLATE 40.

Drawn by R. Pantling.

ORCHIS HABENARIOIDES, King & Pantling.

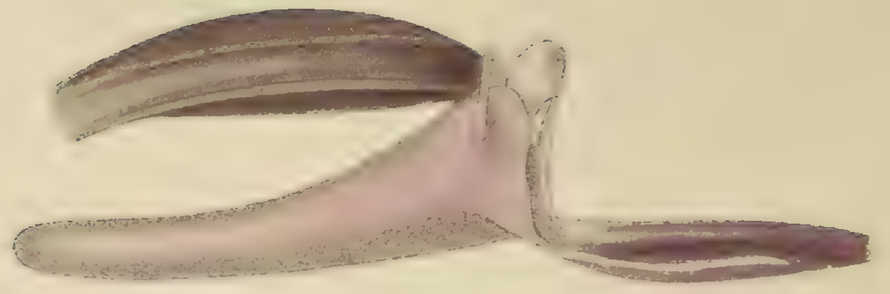
Lith. by A. T. [illegible]





ORCHIS CHUSUA, Don.

1



2

3

4

5

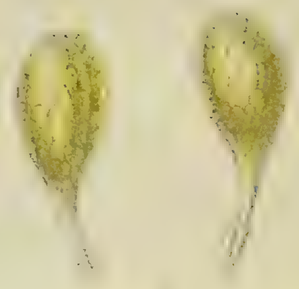
7

6

Drawn by R. Pantling.

ORCHIS CHUSUA, Don. var. NANA, K. & P.

Lith. by New Chitra Silpi Co.

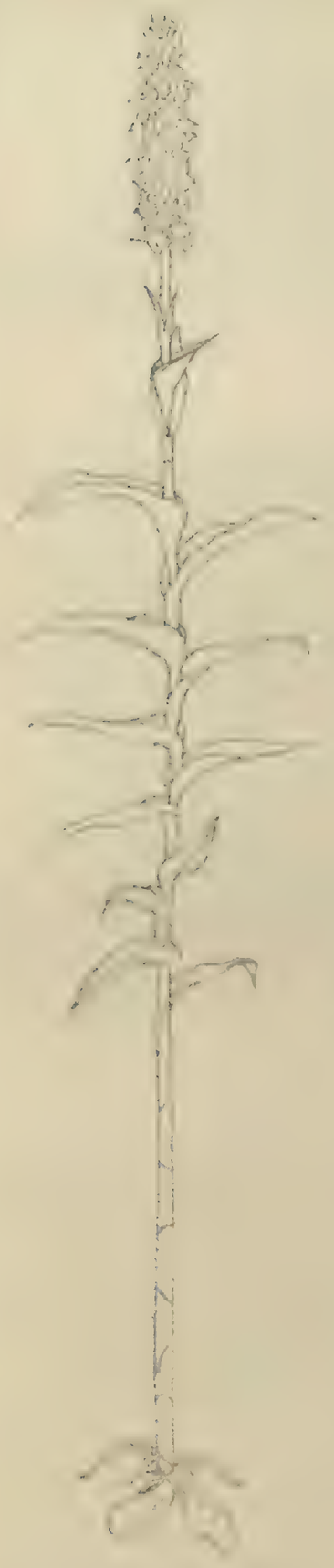


Lith. by A. C. Singha.

ORCHIS PUBERULA, King & Pantling.

1

2



3

4

5

6

Drawn by R. Pantling.

HABENARIA STENOPETALA, Lindl.

Lith: by New Chitra Silpi Cº.

Lith. by A. C. Mukerjei.

ARIA STENOPETALA, Lindl. var. POLYTRICHA, Hook. fil.

Drawn by R. Pantling

HABENARIA GENICULATA, Don.

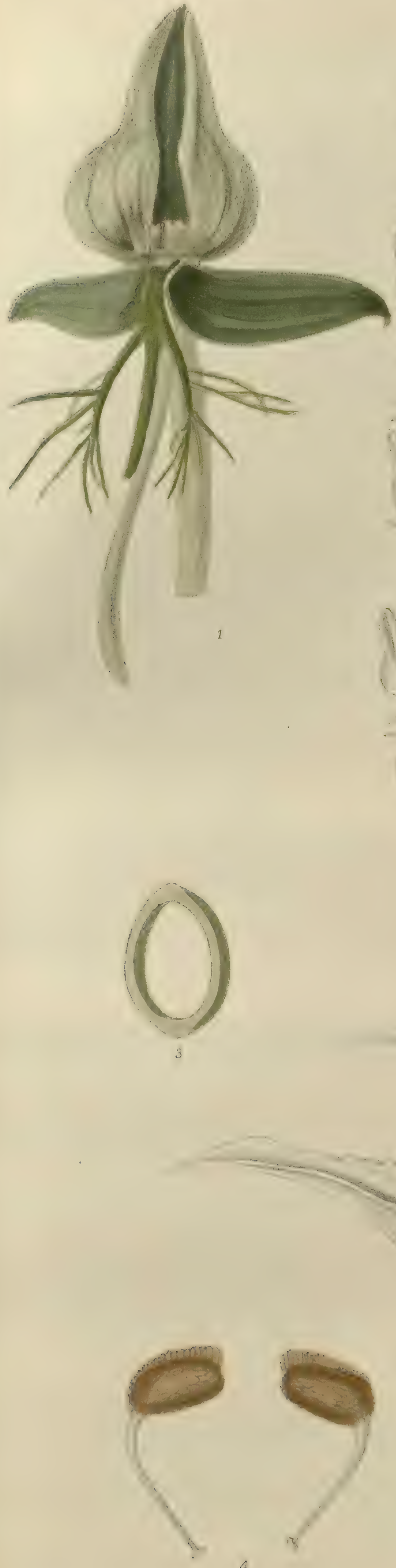
Lith. by B. K. Roy.

Drawn by [illegible].

HABENARIA PECTINATA, Don.

Litho by [illegible]

Ann. Roy. Bot. Gard. Calcutta, Vol. 9. PLATE



1

2



3

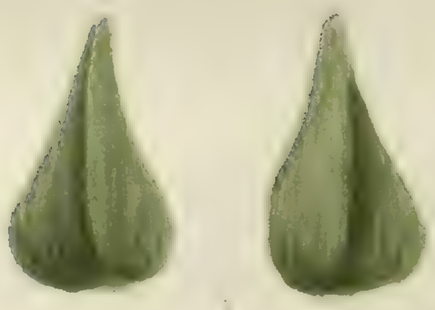


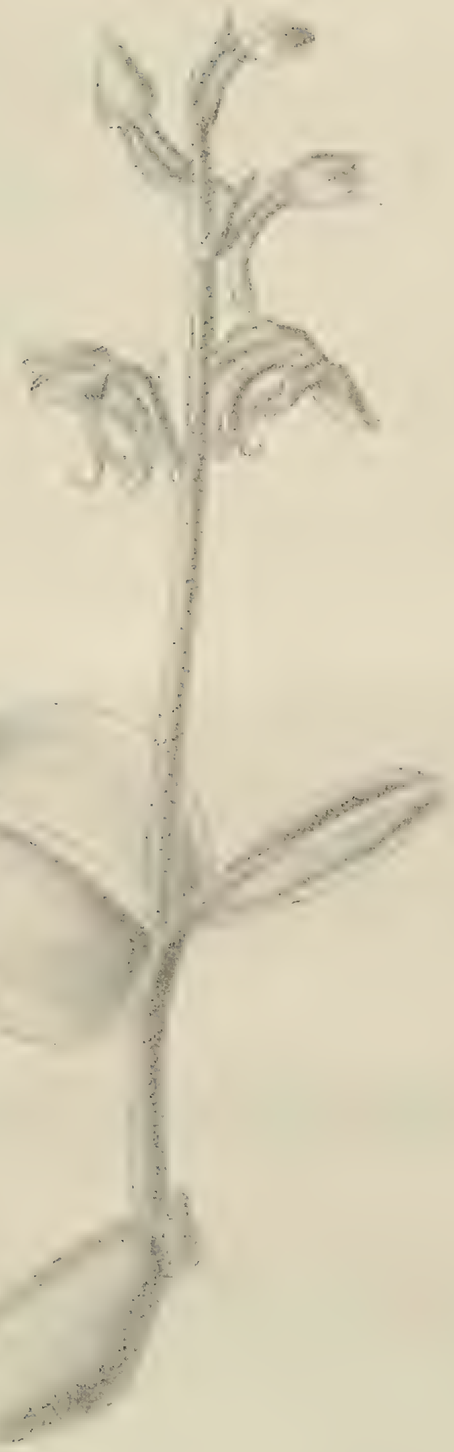
4

Drawn By R. Pantling.

HABENARIA ARIETINA. Hook. fil.

Lith. by A. C. Mukerjei.

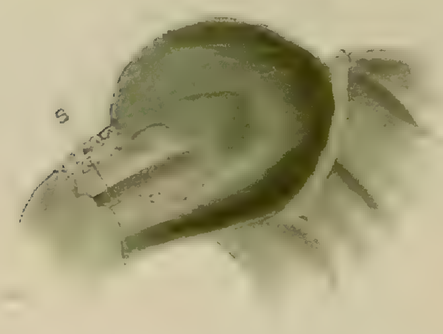




BAUHINIA AITCHISONI, Reichb. fil. var.

1





2

3

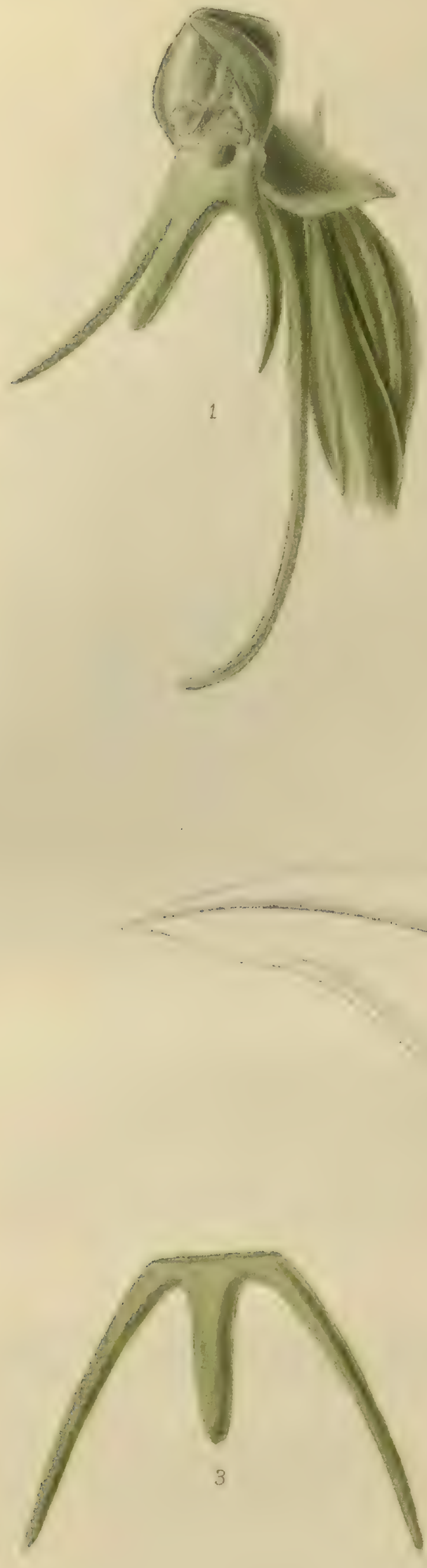
4

5

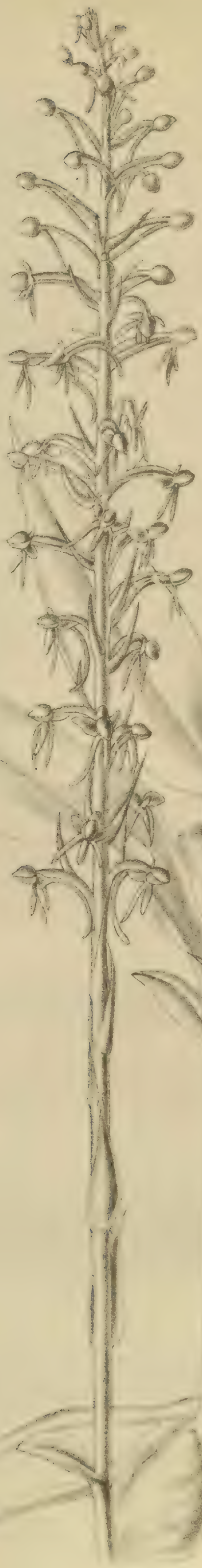
Drawn by R. Panting.

Lith: by Chitra Silpi Cª

HABENARIA ARISTATA, Hook. fil.



1



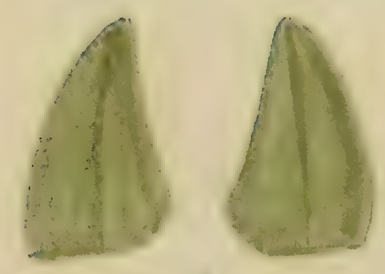
2





3

5



4

6

HABENARIA FURCIFERA, Lindl.

Drawn by R. Paintling

HABENARIA MALLEIFERA, Hook.fil.

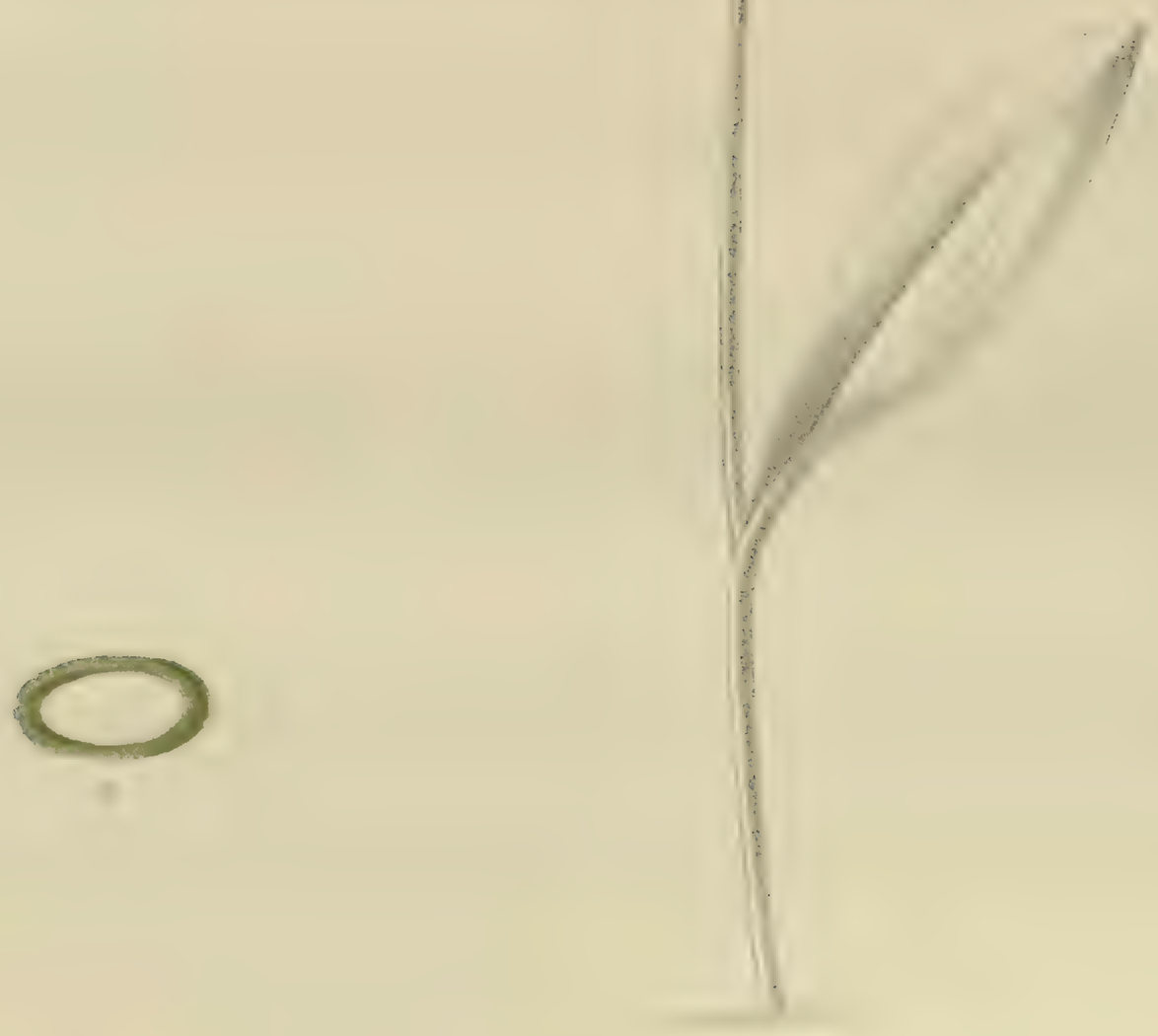
Lith. by K. D. Chandra.

Ann. Roy. Bot. Gard. Calcutta, Vol. 8, PLATE 412.

Drawn by R. Pantling.

HABENARIA STENANTHA, Hook. fil.

Lith. by A. C. Mukerjei.



Drawn by R. Fantling

HABENARIA JUNCEA, King & Pantling.

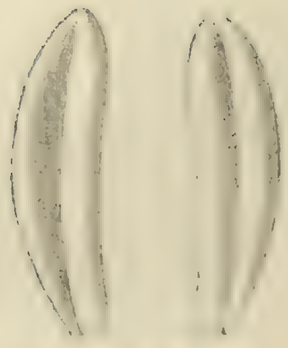
Lith. by K. D. Chandra

1



2

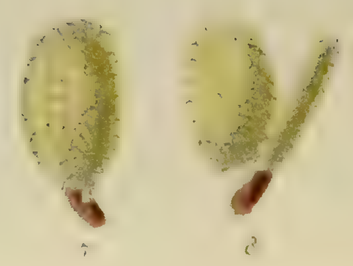
3



4

5

6



7 8

Drawn by R. Pantling.

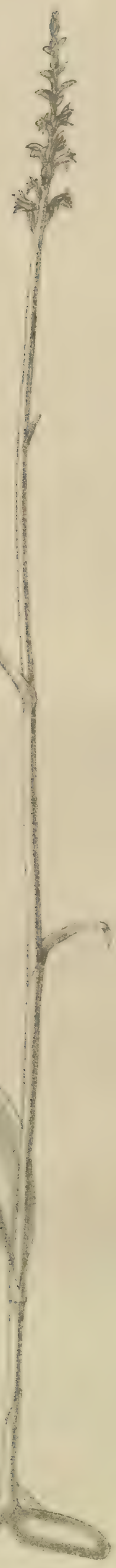
HABENARIA URCEOLATA, Clarke.

Lith. by New Chitra Silpi Cº

1

2

3



4



5

6

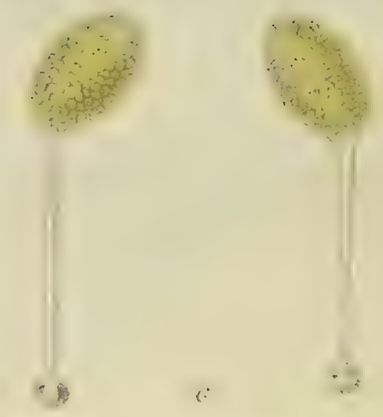
Drawn by R. Pantling.

HABENARIA NEMATOCAULON, Hook fil.

Lith: by B. K. Roy.

Drawn by R Pantling

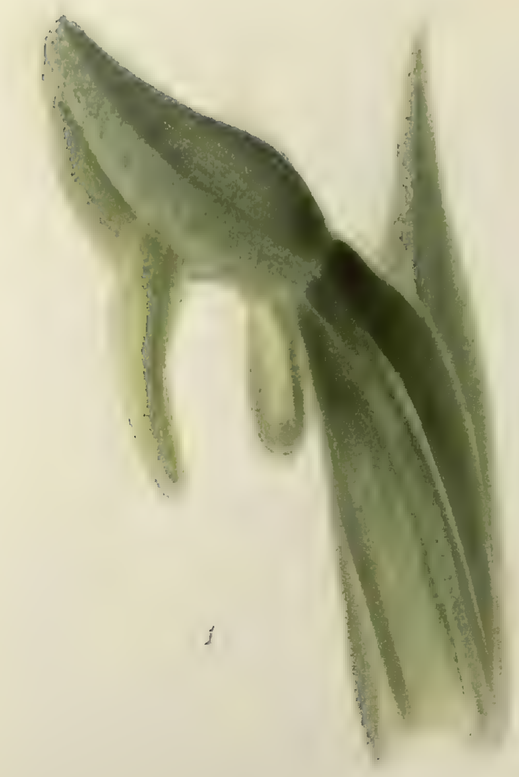
Lith: by Chitra Silp: C°

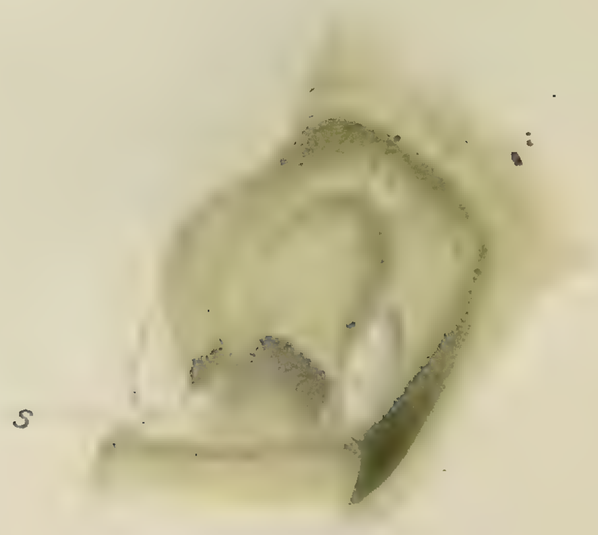


Drawn by R. Pantling.

Lith. by A. Allen & Co.

A. Allen & Co. Imp. Lith. to the King, from a Painting.



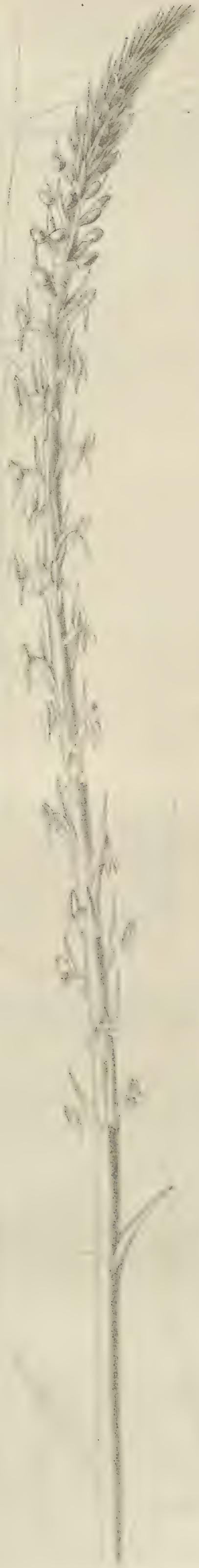


Drawn by R. Pantling.

HABENARIA BIERMANNIANA, King. & Pantling.

Lith: by New Chitra Silpi Cº.

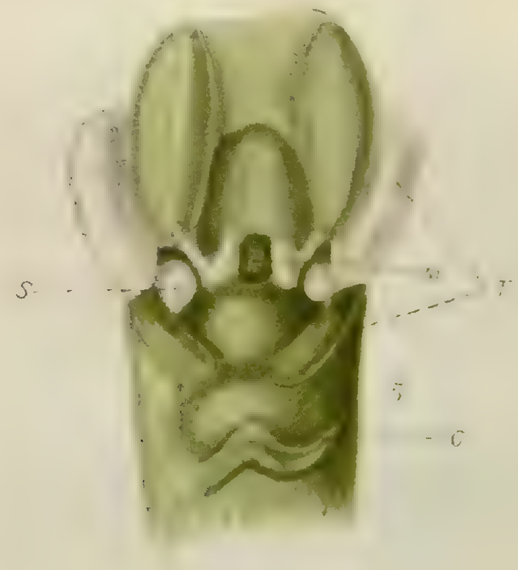
1



2

3

4



5

6

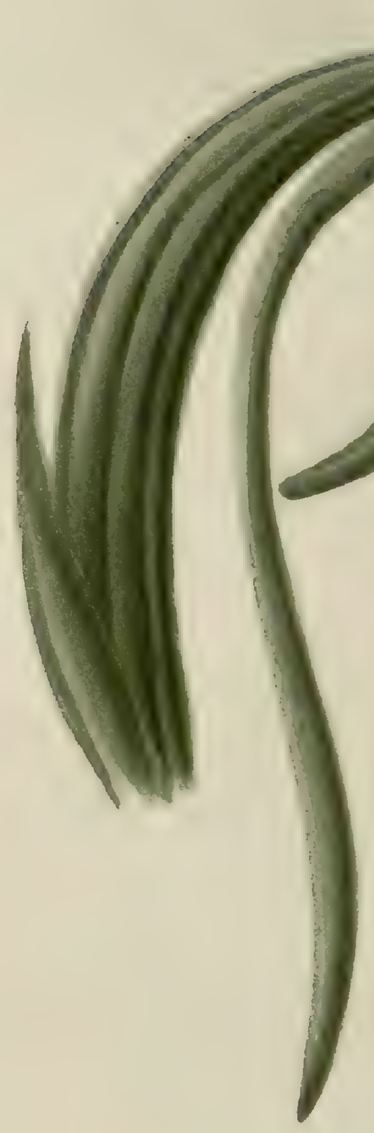
7

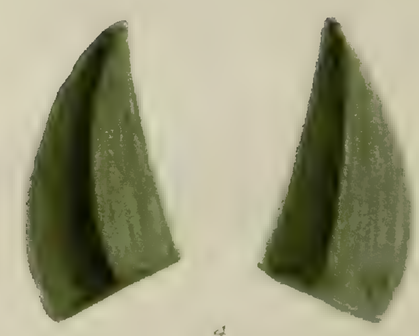
8

Drawn by R. Pantling.

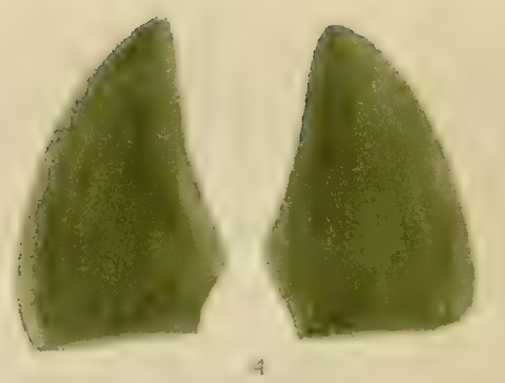
HABENARIA DENSA, Wall.

Litho by N. D. Chandra.





DENDROBIUM LEPIDOTUM, Lindl.







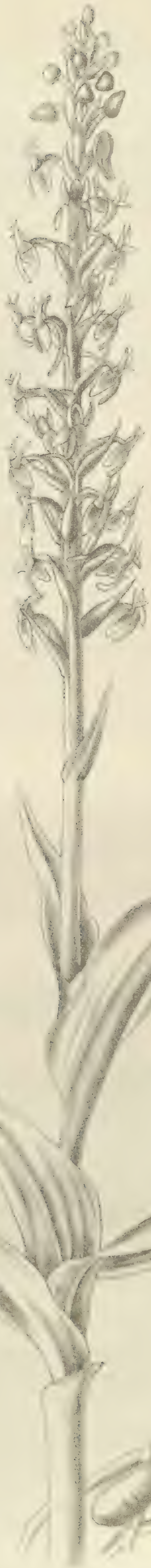


Drawn by R. Pantling.

HABENARIA CILIANTHA, Hook f.

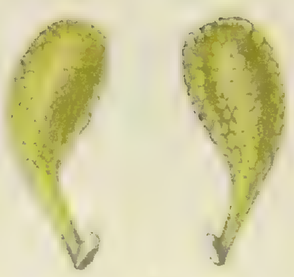
Lith. by R. C. Dutton.

1



2

3



6

Drawn by R. Pant[illegible]

HABENARIA LATILABRIS, Hook.fil.

Lith: by K. P. [illegible]

2

4

Drawn by R. Pantling.

HABENARIA CUMMINSIANA, King & Pantling.

Lith. by New Chitra. Silpi

Drawn by R. Parkinson.

HABENARIA PARISHII, Hook.fl.

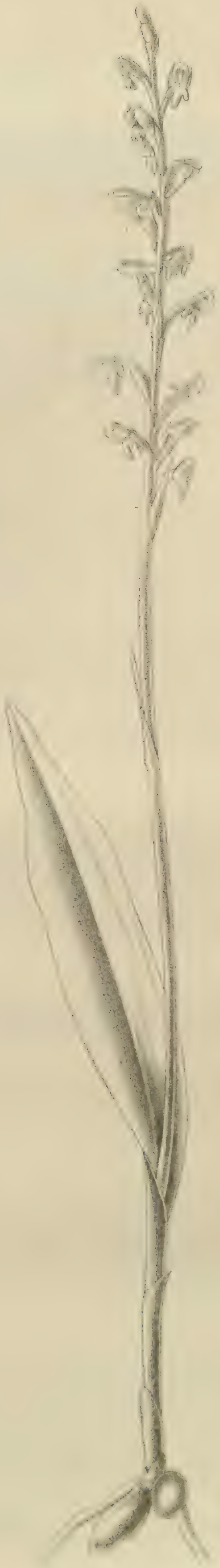
Lith: by K. D. Chandra.

Ann. Roy. Bot. Garden, Calcutta, V 8, PLATE

Drawn by R. Pantling

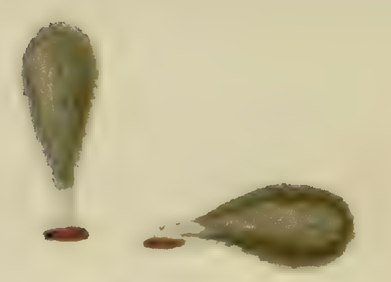
Litd. by A. D. Mollo.

1



2

3



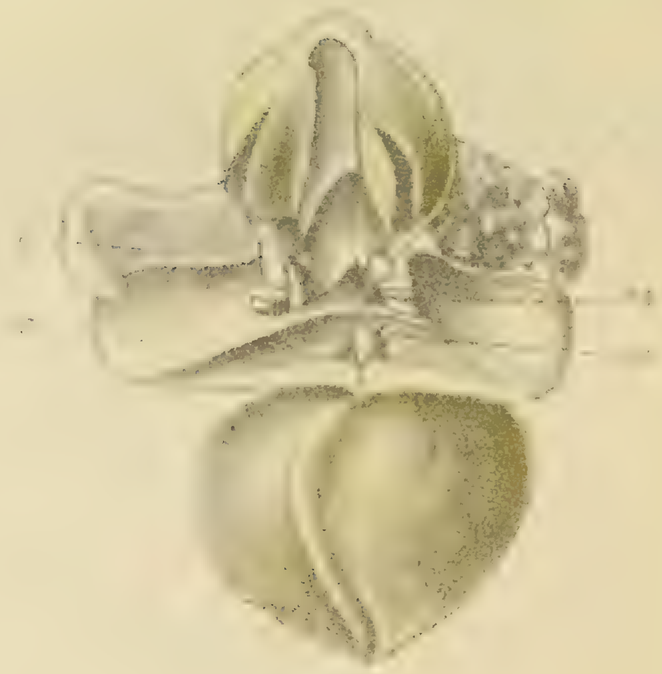
4

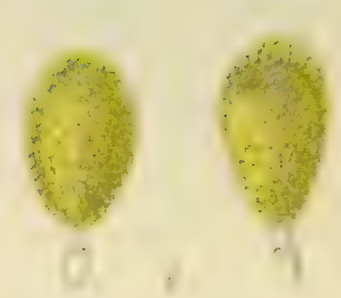
Drawn by R. Pantling.

HERMINIUM FALLAX, Lindl.
= HABENARIA FALLAX, K. & P.

Lith. by K. D. Chandra

HABENARIA CONSTRICTA, Hook.

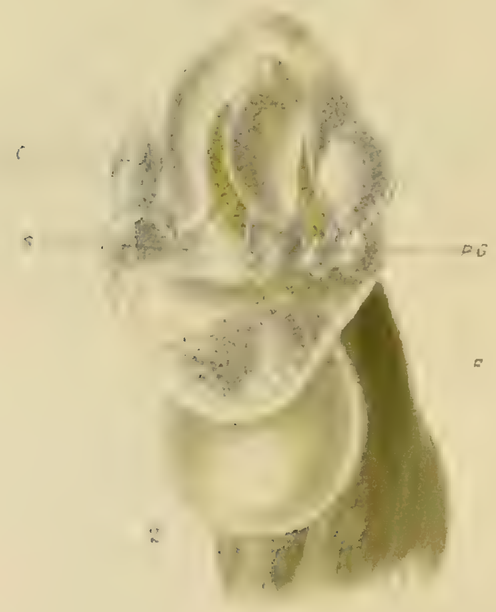




Drawn by R. Pantling.

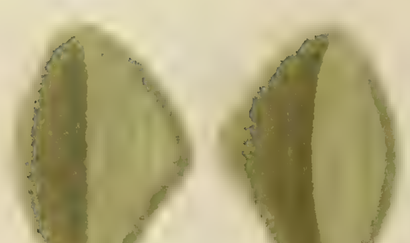
HABENARIA GOODYEROIDES, Don.

Lith. by A. L. Singh.



Drawn by R. Fantling

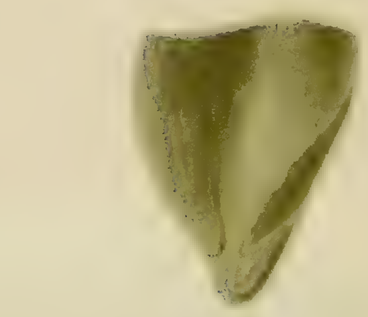
Lith: by Chitra Silpi Co

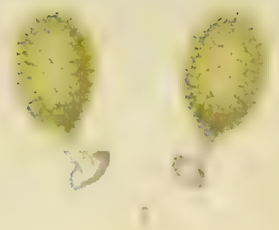


Drawn by R. Panting.

HABENARIA PRAINII, Hook. fil.

Lith. by P. N. Sinha.

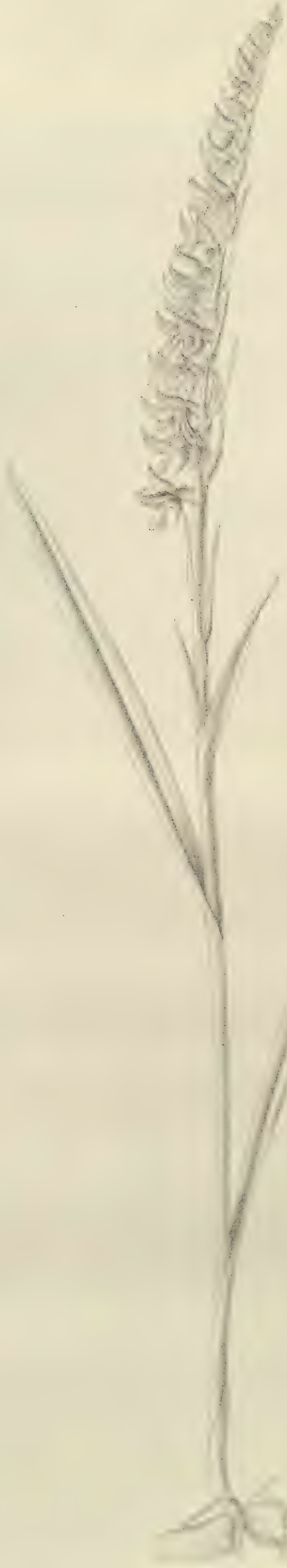




Drawn by R. Pantling.

HABENARIA PSEUDOPHRYS, King & Pantling

Lith: by G. C. Dass



HABENARIA SECUNDIFLORA. Hook. fil.

Lith. by Chitra Silpi

Drawn by R. Pantling.

HERMINIUM ANGUSTIFOLIUM, Benth.

Lith. by New Chitra Silpi Co.

Drawn by R. Pantling.

HERMINIUM QUINQUELOBUM, King & Pantling.

Lith: by A. D. Molla.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 436.

Drawn by R. Pantling

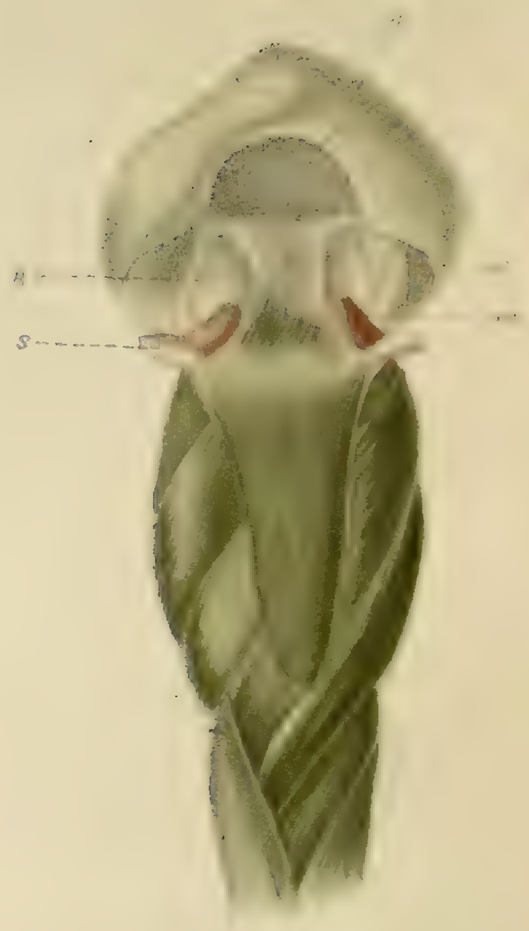
Lith: by D. N. Chowdhury.

DENDROBIUM JAFFREYANUM, King & Pantling.

Drawn by R. Fanthorpe

HERMINIUM PUGIONIFORME, Lindl

Lith by Chitra Silpi C?


R
S

Drawn by R. Pantling.

Lith. by K. P. Dass.

HERMINIUM ANGUSTILABRE, King & Pantling.

Drawn by R. Pantling.

HERMINIUM ORBICULARE, Hook.fil.

Lith. by B. K. Roy.

Drawn by R Fantling.

DIPLOMERIS HIRSUTA, Lindl.

Lith. by B. K. Roy.

SATYRIUM NEPALENSE, Don.

SATYRIUM NEPALENSE, Don, VAR. CILIATA, Lindl.

1

2

Drawn by R. Pantling.

Lith. by A. C. Singha.

CYPRIPEDIUM VENUSTUM, Wall.

1

2

3

4

Drawn by R. Pantling.

Lith. by Chitra Silpi Cº

CYPRIPEDIUM ELEGANS, Reichb. fil.

1



2

Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

CYPRIPEDIUM TIBETICUM, Kmg.

1

2

Drawn by R. Pantling.

CYPRIPEDIUM HIMALAICUM, Rolfe.

Lith. by A. C. Mukerjee.